

# **S.I. No. 220/2003 — European Communities (Dangerous Substances and Preparations) (Marketing and Use) Regulations 2003**

## **STATUTORY INSTRUMENTS**

### **S.I. No. 220 of 2003**

#### **European Communities (Dangerous Substances and Preparations) (Marketing and Use) Regulations 2003**

I, Mary Harney, Minister for Enterprise, Trade and Employment, in exercise of the powers conferred on me by section 3 of the European Communities Act, 1972 ( No. 27 of 1972 ), and for the purpose of giving effect to Council Directive No. 76/769/EEC of 27 July 1976<sup>1</sup>, Council Directive No. 79/663/EEC of 24 July 1979<sup>2</sup>, Council Directive No. 82/806/EEC of 22 November 1982<sup>3</sup>, Council Directive No. 83/264/EEC of 16 May 1983<sup>4</sup>, Council Directive No. 83/478/EEC of 19 September 1983<sup>5</sup>, Council Directive No. 85/467/EEC of 1 October 1985<sup>6</sup>, Council Directive No. 89/677/EEC of 21 December 1989<sup>7</sup>, Council Directive No. 91/338/EEC of 18 June 1991<sup>8</sup>, Council Directive No. 91/339/EEC of 18 June 1991<sup>9</sup>, Directive No. 94/27/EC of the European Parliament and of the Council of 30 June 1994<sup>10</sup>, European Parliament and Council Directive No. 94/60/EC of 20 December 1994<sup>11</sup>, Commission Directive No. 96/55/EC of 4 September 1996<sup>12</sup>, Commission Directive No. 97/10/EC of 26 February 1997<sup>13</sup>, Directive 97/16/EC of the European Parliament and of the Council of 10 April 1997<sup>14</sup>, Directive No. 97/56/EC of the European Parliament and of the Council of 20 October 1997<sup>15</sup>, Commission Directive 97/64/EC of 10 November 1997<sup>16</sup>, Directive No. 1999/43/EC of the European Parliament and of the Council of 25 May 1999<sup>17</sup>, Commission Directive No. 1999/51/EC of 26 May 1999<sup>18</sup>, Commission Directive No. 1999/77/EC of 26 July 1999<sup>19</sup>, Directive 2001/41/EC of the European Parliament and of the Council of 19 June 2001<sup>20</sup>, Commission Directive 2001/90/EC of 26 October 2001<sup>21</sup>, Commission Directive 2001/91/EC of 29 October 2001<sup>22</sup>, Directive 2002/45/EC of the European Parliament and of the Council of 25 June 2002<sup>23</sup>, Directive 2002/61/EC of the European Parliament and of the Council of 19 July 2002<sup>24</sup> and Commission Directive 2002/62/EC of 9 July 2002<sup>25</sup> hereby make the following regulations:

1. These Regulations may be cited as the European Communities (Dangerous Substances and Preparations) (Marketing and Use) Regulations 2003.
2. (1) In these Regulations, unless the context otherwise requires -

“Act of 1989” means the Safety, Health and Welfare at Work Act 1989 ( No. 7 of 1989 );

“Authority” means the National Authority for Occupational Safety and Health established under section 15(1) of the Act of 1989;

“dangerous substance” means a dangerous substance that is specified in Schedule 1, Schedule 2 or Schedule 3;

“dangerous preparation” means a dangerous preparation that is specified in Schedule 1, Schedule 2 or Schedule 3;

“inspector”, where the context so admits, means -

- (a) a person deemed to be authorised in accordance with Regulation 6(1), or
- (b) a person authorised in accordance with Regulation 6(2);

“Minister” means the Minister for Enterprise, Trade and Employment;

“supply” means supply by way of sale, lease, hire, hire-purchase, loan, gift or exchange for a consideration other than money, whether (in all cases) as principal or as agent for another.

(2) A word or expression that is used in these Regulations and is also used in Council Directive No. 76/769/EEC of 27 July 1976, Council Directive No. 79/663/EEC of 24 July 1979, Council Directive No. 82/806/EEC of 22 November 1982, Council Directive No. 83/264/EEC of 16 May 1983, Council Directive No. 83/478/EEC of 19 September 1983, Council Directive No. 85/467/EEC of 1 October 1985, Council Directive No. 89/677/EEC of 21 December 1989, Council Directive No. 91/338/EEC of 18 June 1991, Council Directive No. 91/339/EEC of 18 June 1991, Directive No. 94/27/EC of the European Parliament and of the Council of 30 June 1994, European Parliament and Council Directive No. 94/60/EC of 20 December 1994, Commission Directive No. 96/55/EC of 4 September 1996, Commission Directive No. 97/10/EC of 26 February 1997, Directive 97/16/EC of the European Parliament and of the Council of 10 April 1997, Directive No. 97/56/EC of the European Parliament and of the Council of 20 October 1997, Commission Directive 97/64/EC of 10 November 1997, Directive No. 1999/43/EC of the European Parliament and of the Council of 25 May 1999, Commission Directive No. 1999/51/EC of 26 May 1999, Commission Directive No. 1999/77/EC of 26 July 1999, Directive No. 2001/41/EC of the European Parliament and of the Council of 19 June 2001, Commission Directive No. 2001/90/EC of 26 October 2001, Commission Directive No. 2001/91/EC of 29 October 2001, Directive No. 2002/45/EC of the European Parliament and of the Council of 25 June 2002, Directive No. 2002/61/EC of the European Parliament and of the Council of 19 July 2002 and Commission Directive No. 2002/62/EC of 9 July 2002 has, unless the contrary intention appears, the same meaning in these Regulations as in the Directive concerned.

- (3) In these Regulations -

- (a) a reference to a Regulation or a Schedule is to a Regulation of, or a Schedule to, these Regulations, unless it is indicated that reference to some other Regulation is intended, and
- (b) a reference to a paragraph or a subparagraph is a reference to the paragraph or subparagraph of the provision in which the reference occurs, unless it is indicated that reference to some other provision is intended.

(4) The Act of 1989 shall be construed and have effect as if these Regulations were an existing enactment within the meaning of “existing enactments” specified in section 2(1) of that Act and set out in Part II of the Second Schedule to that Act.

(5) Nothing in paragraph (4) shall be construed as creating an indictable offence in respect of these Regulations.

3. Except as otherwise provided, these Regulations shall not apply to -

- (a) the carriage of dangerous substances and dangerous preparations by rail, road, inland waterway, sea or air,
- (b) dangerous substances and dangerous preparations exported to a country or territory other than a Member State of the European Communities, and
- (c) dangerous substances and dangerous preparations which are in transit and subject to customs inspection but do not undergo processing.

4. A condition or restriction imposed by these Regulations on a dangerous substance, group of dangerous substances or dangerous preparation as specified in column (3) of Schedule 1 shall not apply to marketing or use for research and development or analysis purposes.

5. (1) A person shall not place on the market or use a dangerous substance, group of dangerous substances or dangerous preparation specified in column (2) of Schedule 1 (including a dangerous substance, group of dangerous substances or dangerous preparation specified in Lists 1 to 6 of Schedule 3 as specified in column (2) of Schedule 1 at reference numbers 29, 30 and 31) unless -

- (a) the condition or restriction that is specified in column (3) of Schedule 1 for the dangerous substance, group of dangerous substances or dangerous preparation concerned, and
- (b) any provision, other than a condition, in that column,

are complied with.

(2) A person shall not place on the market or use a dangerous substance, group of dangerous substances or dangerous preparation specified in column (2) of Schedule 2 unless such dangerous substance, group of dangerous substances or dangerous preparation bears a label in the form specified for the dangerous substance, group of dangerous

substances or dangerous preparation concerned in column (2) of Schedule 2.

6. (1) Subject to paragraph (2), a person who is authorised to be an inspector under section 33 of the Act of 1989 shall be deemed to be authorised as an inspector for the purpose of these Regulations and, when exercising power conferred by these Regulations shall, if requested by any person thereby affected, produce the certificate of authorisation furnished under the said section 33, or an authenticated copy of it, to that person for inspection.

(2) The Minister for Agriculture and Food may, in consultation with the Minister, authorise a person to be an inspector for the purpose of these Regulations, in respect of the enforcement of a condition or restriction specified in column (3) of Schedule 1 in respect of a dangerous substance, group of dangerous substances or dangerous preparation specified in column (2) of that Schedule at reference numbers 19 (in respect of paragraphs (a), (b) and (d) in column (3)), 20, 21, 23 and 32 in column (1) of that Schedule.

(3) A person authorised under paragraph (2) shall, on such authorisation, be furnished with a certificate of authorisation by the Minister for Agriculture and Food and when exercising power conferred by these Regulations shall, if requested by any person thereby affected, produce such certificate, or an authenticated copy of it, to that person for inspection.

(4) All authorised officers appointed under the European Communities (Dangerous Substances and Preparations) (Marketing and Use) Regulations, 2000 and holding office immediately before the commencement of these Regulations shall continue in office after such commencement as if appointed under these Regulations.

7. (1) An inspector may -

- (a) enter, inspect, examine, and search at all times any structure, premises or other land which the inspector has reasonable cause to believe is being used for or in connection with the manufacture, storage, use, packing or placing on the market of a dangerous substance or dangerous preparation,
- (b) be accompanied by a member of the Garda Síochána if the inspector has reasonable cause to apprehend any obstruction in the execution of his or her duty,
- (c) require any person whom the inspector considers to be in charge of or employed in or on any structure, premises or other land entered by the inspector under these Regulations, to -
  - (i) produce any dangerous substance or dangerous preparation which is in the possession or under the control of such person, and
  - (ii) produce any books, records or other documents which relate to transactions concerning any dangerous substance or dangerous preparation and which are in the possession or under the control of such person,

- (d) require the production in a legible form of, and inspect or copy, any information kept, or capable of being reproduced in a legible form, that is in the possession or under the control of a person mentioned in paragraph (c) and that is kept for the purposes of these Regulations or is required for the purposes of any examination, requisition or inquiry under these Regulations,
- (e) make such examination and inquiry as may be necessary to ascertain whether the provisions of these Regulations are being complied with,
- (f) examine anything which the inspector reasonably believes to be a dangerous substance or dangerous preparation which he or she finds in the course of an inspection pursuant to this Regulation, and
- (g) require any person whom the inspector finds on any structure, premises or other land, to furnish such information as the inspector may reasonably require for the purpose of these Regulations.

(2) Where, in the course of exercising a power conferred on him or her by this paragraph, the inspector finds anything he or she reasonably believes to be a dangerous substance or dangerous preparation in or on any structure, premises or other land, require the person whom the inspector considers to be in charge or control of such dangerous substance or dangerous preparation to provide the inspector with such information in relation to the identity of the owner of the dangerous substance or dangerous preparation concerned as is within the knowledge, power or procurement of such person.

(3) Where the inspector -

- (a) has reasonable cause to believe that a contravention of these Regulations has been or is being committed in or on any structure, premises or other land, and
- (b) is authorised to enter such structure, premises or other land by a warrant of a judge of the District Court,

the inspector may use force where necessary in order to enter the structure, premises or other land.

(4) Where the inspector -

- (a) has reasonable cause to believe that a contravention of these Regulations has been or is being committed in or on any structure, premises or other land, and
- (b) has reasonable grounds for believing that there is an emergency and that the delay in obtaining a warrant would be likely to endanger life,

the inspector may enter such structure, premises or other land.

(5) Where an inspector has reasonable cause to believe that a contravention of these Regulations has been or is being committed in or on any structure, premises or other land, the inspector may apply to a judge of the District Court assigned to the district in which such structure, premises or other land is situated for a warrant authorising the entry onto or into such structure, premises or other land.

(6) If, on application being made under paragraph (5), a judge of the District Court is satisfied, on the sworn information of the inspector, that the inspector has reasonable grounds for believing that a contravention of these Regulations has been or is being committed, the judge may issue a warrant under his or her hand authorising the inspector at any time or times within one month from the date of the issue of the warrant, on production if so requested of the warrant, to enter, if need be by force, the structure, premises or other land concerned and exercise the powers under these Regulations.

(7) Where an inspector, in the course of exercising a power conferred on him or her under these Regulations finds anything which he or she reasonably believes to be a dangerous substance or a dangerous preparation specified in the Schedules, the owner thereof, the person who appears to the inspector to be in charge or in control thereof, and any person who is the servant or agent of such owner shall enable the inspector to use anything which is under the control of that person and is required by the inspector for the purpose of making an examination, inspection or search pursuant to this Regulation, or for the purpose of the taking of a sample under Regulation 8.

(8) If any person wilfully delays an inspector in the exercise of any power under this Regulation or fails to comply with a requisition of an inspector made in pursuance of these Regulations or wilfully withholds any information as to who is the owner of a dangerous substance or dangerous preparation found by an inspector in the course of exercising a power under these Regulations, or prevents, or attempts to prevent, a person from appearing before or being examined by an inspector, that person shall be deemed to have obstructed an inspector in the execution of his or her duties under these Regulations.

8. (1) Where in the course of exercising a power under these Regulations an inspector reasonably believes a substance or preparation to be a dangerous substance or a dangerous preparation and that a contravention of these Regulations has been or is being committed, the inspector may, subject to paragraph (2), take as many samples of such substance or such preparation for analysis as the inspector considers to be necessary.

(2) Where the inspector proposes to take samples under paragraph (1) the inspector shall, prior to such taking, inform -

- (a) the owner of such substance or such preparation, or
- (b) a person the inspector believes to be in charge or control of such substance or such preparation or to have other responsibilities in respect of such substance or such preparation,

of the intention to take samples.

(3) The owner or other person referred to in paragraph (2) may, at the time when a sample is being taken under this Regulation and on supplying the necessary

appliances, require the inspector to divide each sample into three parts, to mark and seal or fasten up each part in such manner as its nature permits and -

- (a) to deliver to such owner or other person
- (b) to retain one part for further comparison, and
- (c) to submit one part for analysis,

and any analysis under this Regulation shall, if the person by whom the requisition under this paragraph is made so requires, be carried out by or under the direction of the State Chemist or a person who is for the time being authorised for the purposes of this Regulation by the Authority or by the Minister for Agriculture and Food in consultation with the Minister.

(4) A certificate, purporting to be a certificate by the State Chemist or a person who is for the time being approved for the purposes of this Regulation by the Authority or by the Minister for Agriculture and Food in consultation with the Minister as to the result of an analysis of a sample taken under this Regulation, shall in any proceedings for an alleged offence under these Regulations be admissible as evidence of the matters stated therein unless the contrary is shown.

(5) The Authority may authorise a person to carry out any analysis under this Regulation.

(6) It shall not be lawful for any person, except in so far as is necessary for the purposes of a prosecution for an offence under these Regulations, to publish or disclose to any person other than the person referred to in subparagraph (a) or (b) of paragraph (2), the Authority or the Minister for Agriculture and Food the results of an analysis made under this Regulation.

9. (1) A person who contravenes paragraph (1) or (2) of Regulation 5 shall be guilty of an offence and shall be liable on summary conviction to a fine not exceeding €1,900.

(2) Any person who -

- (a) obstructs or interferes with an inspector in the course of exercising a power conferred on an inspector by these Regulations, or
- (b) fails to comply with a requisition made by an inspector for the purpose of these Regulations,

shall be guilty of an offence and shall be liable on summary conviction to a fine not exceeding €1,900.

10. In any proceedings for an offence under these Regulations, it shall not be necessary to prove that -

- (a) the dangerous substance or dangerous preparation to which the alleged offence relates was not marketed or used for research and development or analysis purposes, and
- (b) such dangerous substance or dangerous preparation was not intended to be marketed or used for research and development or analysis purposes,

and the onus of proving that such dangerous substance or dangerous preparation was so used or was intended to be so used shall be on the person against whom the proceedings are instituted.

11. (1) Subject to paragraph (2) an offence under Regulation 9(1) may be prosecuted by the Authority.

(2) An offence under Regulation 9(1) that relates to the provision specified in Regulation 6(2) may be prosecuted by the Minister for Agriculture and Food.

(3) An offence under Regulation 9(2) may be prosecuted either by the Authority or by the Minister for Agriculture and Food.

12. The European Communities (Dangerous Substances and Preparations) (Marketing and Use) Regulations, 2000 ( S.I. No. 107 of 2000 ) are revoked, other than the provisions at reference numbers 32 and 41 of Schedule 1 to those Regulations, which shall be revoked on 30 June 2003.

### Schedule 1

Regulation 5(1)

(1)	(2)	(3)
Reference Number and Directive Number	Designation of the dangerous substance, of the groups of dangerous substances or of the dangerous preparation	Condition of restriction
1. Council Directive No. 85/467/EEC and Council Directive No. 89/677/EEC	<ul style="list-style-type: none"> <li>- Polychlorinated biphenyls (PCB) except mono and dichlorinated biphenyls</li> <li>- Polychlorinated terphenyls (PCTs)</li> <li>- Preparations, including waste oils, with a PCB or PCT weight content higher</li> </ul>	<p>May not be used.</p> <p>However, the use of equipment, plant and fluids referred to in points (a) to (e) which were in service on 30 June 1986</p> <ul style="list-style-type: none"> <li>(a) closed-system electrical equipment, transformers, resistors and inductors;</li> <li>(b) large condensers (&gt; 1 kg. total</li> </ul>

than 0.005%

weight);

(c) small condensers (provided that the PCB has a maximum chlorine content of 43% and does not contain more than 3.5% of penta - and higher chlorinated biphenyls);

(d) heat-transmitting fluids in closed-circuit heat-transfer installations;

(e) hydraulic fluids for underground mining equipment;

shall continue to be authorised until they are disposed of or reach the end of their service life.

Without prejudice to the provisions of other Directives relating to the labelling of dangerous substances and preparations, equipment and plant containing PCBs or PCTs shall display instructions concerning disposal and the maintenance and use of equipment and plant containing them.

These instructions must be capable of being read horizontally when the object containing the PCBs or PCTs is installed in the normal way. The inscription must stand out clearly from its background.

The inscription shall be in the English language.

2. Council Directive No. 76/769/EEC	Chloro-1-ethylene (monomer vinyl chloride)	May not be used as aerosol propellant for any use whatsoever.
3. Commission Directive No. 97/64/EC	Liquid substances or preparations, which are regarded as dangerous according to the definitions in Article 2(2) and the criteria in Annex VI, Part 2, 3 and 4, to Council Directive 67/548/EEC of 27 June 1967 on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances, as adapted to technical progress by Commission Directives 93/21/EEC and 96/54/EC.	<p>1. May not be used in :</p> <ul style="list-style-type: none"> <li>- ornamental objects intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays;</li> <li>- tricks, jokes;</li> <li>- games for one or more participants, or any object intended to be used as such, even with ornamental aspects.</li> </ul> <p>2. Without prejudice to paragraph 1 above, substances and preparations which:</p> <ul style="list-style-type: none"> <li>- present an aspiration hazard and are labelled with R65 (harmful: may cause lung damage if swallowed), and</li> <li>- can be used as fuel in decorative</li> </ul>

lamps, and

- are placed on the market in packaging of a capacity 1.5 litres or less,

may not contain a colouring agent, unless required for fiscal reasons, or perfume or both.

Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling [illegible] dangerous substances and preparations, [illegible] packaging of substances and preparations covered [illegible] by paragraph 2, where intended for use in lamps [illegible] must be marked legibly and indelibly as follows;

“Keep lamps filled with this liquid out of the [illegible] of children”

4. Council Directive No. 79/663/EEC

Tris (2,3 dibromopropyl) phosphate CAS No (Chemical abstract Service Number) 126-72-7

May not be used in textile articles, such [illegible] garments, undergarments and domestic line [illegible] intended to come into contact with the skin.

The placing on the market of said textile article [illegible] containing the substance is also prohibited.

5. Council Directive No. 82/806/EEC and Council Directive No. 89/677/EEC

Benzene CAS No. 71-43-2

Not permitted in toys or parts of toys as placed on the market where the concentration of benzene in the free state is in excess of 5 mg/kg of the weight of the toy or part of toy.

May not be used in concentrations equal to, or greater than 0.1 % by mass in substances or preparations placed on the market.

However this provision shall not apply to;

(a) motor fuels which are covered by Council Directive No. 85/210/EEC;

(b) substances and preparations for use in industrial processes which do not allow for the emission of benzene in quantities in excess of those laid down in existing legislation;

(c) waste covered by Council Directive No. 75/442/EEC and Council Directive No. 91/689/EEC

6. Commission Directive No. 1999/77/EC

6.1 Crocidolite, CAS No 12001-28-4

6.1 The placing on the market and use of these fibres and of products containing these fibres intentionally

Amosite, CAS No 12172-73-5

added is prohibited.

Anthophyllite asbestos,  
CAS No 77536-67-5

Actinolite asbestos, CAS  
No 77536-66-4

Tremolite asbestos CAS  
No 77536-68-6

6.2 Chrysotile, CAS No  
12001-29-5

6.2 The placing on the market and use of this fibre and of products containing this fibre added intentionally is prohibited, with the derogations listed in (I) and (II) as follows;

(I) The following products are exempt until 1 January 2004;

- Any component of an aeroplane or helicopter which is necessary for its safe operation.
- Any product consisting of a mixture of asbestos with a phenol formaldehyde resin or with a cresylic formaldehyde resin used in

(a) vanes for rotary vacuum pumps;

(b) vanes for rotary compressors;

(c) any bearing or its housing; or

(d) split face seals of at least 150 millimetres in diameter used to prevent leakage of water from hydro-electric power generation turbines or from cooling water pumps in fossil fuel electricity generating stations.

- Pre-formed joints for sealing the doors of steam boilers and made from cloth containing asbestos and proofed with rubber or another elastomeric polymer.

(II) The following products are exempt until 1 January 2005;

- Personal protective clothing for protection against the handling of material at a temperature of 500°C or more.

The use of products containing asbestos fibres referred to in points 6.1 and 6.2 which were already installed or in service before the commencement of these Regulations shall continue to be authorised, in accordance with any relevant statutory requirements, until they are disposed of or reach the end of their service life.

Without prejudice to the application of other Community provisions on the classification[**illegible**] packaging and labelling of dangerous substances and preparations, the placing on the market and us[**illegible**] of products containing this fibre may be permitted [**illegible**] only if the products bear a label in accordance with[**illegible**] the provisions of Schedule 2.

7. Council Directive No. 91/157/EEC and Commission Directive No. 98/101/EC	Directives transposed by separate regulations made by the Minister for the Environment and Local Government	
8. Council Directive No. 83/264/EEC	Tris-aziridinyl)-phosphin oxide CAS No. 5455-55-1	<p>May not be used in textile articles, such [<b>illegible</b>] garments, undergarments and domestic line [<b>illegible</b>] intended to come into contact with the skin.</p> <p>The placing on the market of said textile article [<b>illegible</b>] containing these substances is also prohibited.</p>
9. Council Directive No. 83/264/EEC	Polybrominated-biphenyls (PBB) CAS No. 59536-65-1	<p>May not be used in textile articles, such as garments, undergarments and domestic linen, intended to come into contact with the skin.</p> <p>The placing on the market of said textile articles containing these substances is also prohibited.</p>
10. Council Directive No. 83/264/EEC	<p>Soap bark powder (Quillaja saponaria) and its derivatives containing saponins.</p> <p>Powder of the roots Helleborus viridis and Hellebores niger.</p> <p>Powder of the roots of Veratrum nigrum or Veratrum album.</p>	<p>May not be used in tricks and jokes or in objects intended to be used as such, for instance as a constituent of sneezing powder and stink bombs.</p> <p>The placing on the market of said tricks, jokes or objects containing these substances is similarly prohibited.</p>

	Benzidine or its derivatives or both.	
	ortho-Nitrobenzaldehyde CAS No. 552-89-6.	
	Wood powder	
11. Council Directive No. 83/264/EEC	Ammonium sulphide and Ammonium hydrogen sulphide CAS No 12135- 76-1 CAS No 12124-99-1	May not be used in tricks and jokes or in objects intended to be used as such, for instance as a constituent of sneezing powder and stink bombs.
	Ammonium polysulphide CAS No. 12259-92-6	The placing on the market of said tricks, jokes or objects containing these substances is similarly prohibited.
12. Council Directive No. 83/264/EEC	Volatile esters of bromoacetic acids:	May not be used in tricks and jokes or in objects intended to be used as such, for instance as a constituent of sneezing powder and stink bombs.
	Methyl bromoacetate CAS No. 96-32-2	The placing on the market of said tricks, jokes or objects containing these substances is similarly prohibited.
	Ethyl bromoacetate CAS No. 105-36-2	
	Propyl bromoacetate	
	Butyl bromoacetate	
13. Council Directive No. 89/677/EEC	2-naphthylamine CAS No. 91-59-8 and its salts	May not be used in concentrations equal to or greater than 0.1 % by weight in substances and preparations placed on the market.  However, this provision shall not apply to waste containing one or more of these substances and covered by Council Directive No. 75/442/EEC and Council Directive No. 91/689/EEC.
14. Council Directive No. 89/677/EEC	Benzidine CAS No. 92-87- 5 and its salts	May not be used in concentrations equal to or greater than 0.1 % by weight in substances and preparations placed on the market.  However, this provision shall not apply to waste containing one or more of these substances and covered by Council Directive No. 75/442/EEC and Council Directive No. 91/689/EEC.
15. Council Directive No. 89/677/EEC	4-nitrobiphenyl CAS No 92-93-3	May not be used in concentrations equal to or greater than 0.1 % by weight in substances and preparations placed on the market.

		However, this provision shall not apply to waste containing one or more of these substances and covered by Council Directive No. 75/442/EEC and Council Directive No. 91/689/EEC.
16. Council Directive No. 89/677/EEC	4-aminobiphenyl CAS No 92-67-1 and its salts	Such substances and preparations may not be placed on the market for sale to the general public.  Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations shall be legibly and indelibly marked as follows:  “Restricted to professional users”.
17. Council Directive No. 89/677/EEC	Lead carbons:  - neutral anhydrous carbonate $\text{Pb CO}_3$ CAS No. 598-63-0  - lead hydrocarbonate $2 \text{ Pb CO}_3 \text{ Pb (OH)}_2$ CAS No. 1319-46-6	May not be used as substances and constituents of preparations intended for use as paints, except for the restoration and maintenance of works of art and historic buildings and their interiors, where the Authority wishes to authorise this, in accordance with the provisions of ILO Convention 13 on the use of white lead in paint.
18. Council Directive No. 89/677/EEC	Lead sulphates  $\text{PbSO}_4(1:1)$ CAS No 7446-14-2  $\text{Pb}_x\text{SO}_4$ CAS No. 15739-80-7	May not be used as substances and constituents of preparations intended for use as paints, except for the restoration and maintenance of works of art and historic buildings and their interiors, where the Authority wishes to authorise this, in accordance with the provisions of ILO Convention 13 on the use of sulphates of lead in paint.
19. Council Directive No 89/677/EEC	Mercury compounds	May not be used as substances and constituents of preparations intended for use:  (a) to prevent the fouling by microorganisms plants or animals of:  - the hulls of boats,  - cages, floats, nets and any other appliances or equipment used

20. Council  
Directive No.  
89/677/EEC

Arsenic compounds

for fish or shellfish farming,

- any totally or partly submerged  
appliances equipment;

(b) in the preservation of wood;

(c) in the impregnation of heavy-duty  
industr[illegible] textiles and yarn  
intended for their manufacture;

(d) in the treatment of industrial  
waters, irrespective of their use.

1. May not be used as substances and  
constituents of preparations intended  
for use:

(a) to prevent the fouling by micro-  
organisms, plants or animals of:

- the hulls of boats,

- cages, floats, nets and any other  
appliances or equipment used for fish  
or shell fish farming,

- in any totally or partly submerged  
appliances or equipment.

(b) in the preservation of wood.

In this case, the ban does not apply to  
solutions of inorganic salts of the CCA  
(copper - chromium - arsenic) type  
employed in industrial installations  
using vacuum or pressure to  
impregnate wood.

In addition, the Minister for  
Agriculture and Food, in consultation  
with the Minister, may authorise the  
use of preparations of the DFA  
(dinitrophenol - fluoride - arsenic) type  
for the retreatment in situ[illegible] of  
wooden poles already in place and  
supporting overhead cables.

Such preparations must be employed  
by professionals using vacuum or  
pressure.

2. May not be used as substances and  
constituents of preparations intended  
for use in the treatment of industrial  
waters, irrespective of their use.

21. Commission Organostannic compounds  
Directive  
2002/62/EC

From 1 January 2003 -

1. May not be placed on the market for

<p>22. Council Directive No. 89/677/EEC</p>	<p>Di-u-oxo-di-n-butylstanniohydroxyborane (C<sub>8</sub>H<sub>19</sub>BO<sub>3</sub>Sn, CAS No. 75113-37-0) (DBB)</p>	<p>use as substances and constituents of preparations when acting as biocides in free association paint.</p> <p>2. May not be placed on the market or used as substances and constituents of preparations which act as biocides to prevent the fouling by microorganisms, plants or animals of:</p> <ul style="list-style-type: none"> <li>(a) tall craft irrespective of their length intended for use in marine, coastal, estuarine and inland waterways and lakes;</li> <li>(b) cages, floats, nets and any other appliances or equipment used for fish or shellfish farming;</li> <li>(c) any totally or partly submerged appliance or equipment.</li> </ul> <p>3. May not be used as substances and constituents of preparations intended for use in the treatment of industrial waters.</p>
<p>23. Commission Directive No. 1999/51/EC</p>	<p>Pentachlorophenol (CAS No. 87-86-5) and its salts and esters</p>	<p>Shall be prohibited in a concentration equal to or greater than 0.1 % in substances and constituents of preparations placed on the market.</p> <p>However, this provision shall not apply to this substance (DBB) or preparations containing it if these are intended solely for conversion into finished products, among which this substance will no longer feature in a concentration equal to or greater than 0.1 %.</p> <p>Shall not be used in concentration equal to or greater than 0.1 % by mass in substances or preparations placed on the market.</p> <p>By way of derogation until 31 December 2008 this does not apply to substances and preparations intended for use in industrial installations not permitting the emission and/or discharge of pentachlorophenol (PCP) in quantities greater than those prescribed by existing legislation:</p> <ul style="list-style-type: none"> <li>(a) in the treatment of wood.</li> </ul> <p>However, treated wood may not be used:</p>

- inside buildings whether for decorative purposes or not, whatever their purpose (residence, employment, leisure),
- for the manufacture and re-treatment of:
  - (i) containers intended for growing purposes;
  - (ii) packaging that may come into contact with raw materials, intermediate or finished products destined for human and/or animal consumption;
  - (iii) other materials that may contaminate the products mentioned in (i) and (ii);
- (b) in the impregnation of fibres and heavy-duty textiles not intended in any case for clothing or for decorative furnishings;
- (c) by way of special exception, the Minister for Agriculture and Food may on a case-by-case basis **[illegible]** authorise specialised professionals to carry out **[illegible]** *situ* and for buildings of cultural, artistic **[illegible]** historical interest, or in emergencies, a remedial **[illegible]** treatment of timber and masonry infected by **[illegible]** rot fungus (*Serpula lacrymans*) and cubic **[illegible]** fungi.

In any case:

- (a) Pentachlorophenol used alone or as a component of preparations employed within the framework of the above exceptions must have a total hexachlorodibenzoparadioxin (HCDD) content of not more than two parts per million (ppm);
- (b) these substances and preparations may not:
  - be placed on the market except in packages of 20 litres or more;
  - be sold to the general public.

Without prejudice to the implementation of other Community provisions concerning the classification, packaging and labelling of dangerous substances and

preparations, the packaging of such preparations should be marked clearly and indelibly:

“Reserved for industrial and professional use”

In addition, this provision shall not apply to waste covered by Directives 75/442/EEC and 91/689/EEC.

24. Council  
Directive No.  
91/338/EEC

Cadmium (CAS No. 7440-43-9) and its compounds

1.1. May not be used to give colour to finished products manufactured from the substances and preparations listed below.

- polyvinyl chloride (PVC) [3904 10] [3904 21] [3904 22]
- polyurethane (PUR) [3909 50]
- low-density polyethylene (LD PE), with the exception of low-density polyethylene used for the production of coloured masterbatch [3901 10]
- cellulose acetate (CA) [3912 11] [3912 12]
- cellulose acetate butyrate (CAB) [3912 11] [3912 12]
- epoxy resins [3907 30]
- Melamine-formaldehyde (MF) resins [3909 20]
- Urea - formaldehyde (UF) resins [3909 10]
- unsaturated polyesters (UP) [3907 91]
- polyethylene terephthalate (PET) [3907 60]
- polybutylene terephthalate (PBT)
- transparent/general purpose polystyrene [3903 11] [3903 19]
- acrylonitrile methylmethacrylate (AMMA)
- cross-linked polyethylene (VPE)
- high-impact polystyrene
- polypropylene (PP) [3902 10]

In any case, whatever their use or intended final purpose, finished products or components of products manufactured from the substances and preparations listed above coloured with cadmium may not be placed on the market if their cadmium content (expressed as Cd metal) exceeds 0.01

% by mass of the plastic material.

1.2. May not be used to give colour to paints [3208] [3209]

If the paints have a high zinc content, their residual concentration of cadmium must be as low as possible and at all events not exceed 0.1 % by mass.

1.3. Sections 1.1 and 1.2 do not apply to products to be coloured for safety reasons.

2.1 May not be used to stabilize the finished products listed below manufactured from polymers or copolymers of vinyl chloride:

- packaging materials (bags, containers, bottles lids) [3923 29 10] [3920 41] [3920 42]
- office or school supplies [3926 10]
- fittings for furniture, coachwork or the like [3926 30]
- articles of apparel and clothing accessories (including gloves) [3926 20]
- floor and wall coverings [3918 10]
- impregnated, coated, covered or laminated textile fabrics [5903 10]
- imitation leather [4204]
- gramophone records [8524 10]
- tubes and pipes and their fittings [3917 23]
- swing doors
- vehicles for road transport (interior, exterior, underbody)
- coating of steel sheet used in construction or in industry
- insulation for electrical wiring

In any case, whatever their use or intended final purpose, the placing on the market of the above finished product or components of products manufactured from polymers or copolymers of vinyl chloride, stabilised by substances containing cadmium is prohibited, if their cadmium content (expressed as Cd metal) exceeds 0.01 % by mass of the polymer.

2.2 However, Section 2.1 does not

apply to finished products using cadmium-based stabilisers for safety reasons.

3. In this Schedule “cadmium plating” means any deposit or coating of metallic cadmium on a metallic surface.

3.1 May not be used for cadmium plating metallic products or components of the products used in the sectors or applications listed below:

(a) equipment and machinery for:

- food production [8210] [8417 20] [8419 81] [8421 11] [8421 22] [8422] [8435] [8437] [8438] [8476 11]

- agriculture [8419 31] [8424 81] [8432] [8433] [8434] [8436]

- cooling and freezing [8418]

- printing and book-binding [8440] [8442] [8443]

(b) equipment and machinery for the production of:

- household goods [7321] [8421 12] [8450] [8509] [8516]

- furniture [8465] [8466] [9401] [9402] [9403] [9404]

- sanitary ware [7324]

- central heating and air conditioning plant [7322] [8403] [8404] [8415][

(c) equipment and machinery for the production of:

- paper and board [8419 32] [8439] [8441]

- textiles and clothing [8444] [8445] [8447] [8448] [8449] [8451] [8452]

(d) equipment and machinery for the production of:

- industrial handling equipment and machinery [8425] [8426] [8427] [8428] [8429] [8430] [8431]

- road and agricultural vehicles (chapter 87)

- rolling stock (chapter 86)

- vessels (chapter 89)

In any case, whatever their use or intended final purpose, the placing on the market of [illegible] plated

25. Council Directive No. 91/339/EEC	Monomethyl-tetrachlorodiphenyl methane	products or components of such <b>[illegible]</b> used in any of the sectors or applications listed <b>[illegible]</b> (a), (b), (c) and (d) above and of produc <b>[illegible]</b> manufactured in the sectors listed in (c) and <b>[illegible]</b> above is prohibited.
	Trade name: Ugilec 141 CAS No. 76253-60-6	3.2. Section 3.1 does not apply to: - products and components of the products used the aeronautical, aerospace, mining, offshore <b>[illegible]</b> nuclear sectors whose applications require <b>[illegible]</b> safety standards and in safety devices in road <b>[illegible]</b> agricultural vehicles, rolling stock and vessels, - electrical contacts in any sector of use, on account of the reliability required of the apparatus on which they are installed.
		The marketing and use of this substance and of preparations and products containing it is prohibited.
		By way of exception this provision shall not apply:
		1. In the case of plant and machinery already in service on 18 June 1994 until such plant and machinery is disposed of:
		However, the Authority may, on grounds of health protection and environmental protection, prohibit the use of such plant or machinery before it is disposed of.
		2. In the case of plant and machinery already in service on 18 June 1994, from that date the placing on the secondhand market of this substance, preparations containing this substance, and plant machinery containing this substance shall be prohibited.
26. Council Directive No. 91/339/EEC	Monomethyl-dichloro-diphenyl methane	The marketing and use of this substance and of preparations and products containing it is prohibited.
	Trade name: Ugilec 121, Ugilec 21	
	CAS No. unknown	
27. Council		The marketing and use of this

Directive No. 91/339/EEC	Monomethyl-dibromo- diphenyl methane	substance and of preparations and products containing it is prohibited.
	Trade name: DBBT	
	CAS No. 99688-47-8	
28. Directive No. 94/27/EC of the European Parliament and of the Council	Nickel and its compounds  CAS No. 7440-0-20  EINECS No. 231-111-4	<p>The provisions at points 1, 2 and 3 below shall apply as follows:-</p> <p>(a) No manufacturer or importer may place on the market products which fail to comply with those provisions, and</p> <p>(b) Products which fail to comply with those provisions may not be sold or made available to the final consumer unless they have been placed on the market before 20 January 2000.</p> <p>Nickel and its compounds may not be used:</p> <ol style="list-style-type: none"> <li>1. in post assemblies which are inserted into pierced ears and other pierced parts of the human body during epithelization of the wound caused by piercing whether subsequently removed or not, unless such post assemblies are homogeneous and the concentration of nickel - expressed as mass of nickel to total mass - is less than 0.05%; (as measured by the method laid down in the harmonised CEN standard EN 1810:1998 "Body-piercing post assemblies - Reference test method for determination of nickel content by flame atomic absorption spectrometry", as published in Commission Communication 1999/C 205/05 of 20 July 1999).</li> <li>2. in products intended to come into direct and prolonged contact with the skin such as: <ul style="list-style-type: none"> <li>- earrings,</li> <li>- necklaces, bracelets and chains, anklets, finger rings,</li> <li>- wrist-watch cases, watch straps and tighteners,</li> <li>- rivet buttons, tighteners, rivets, zippers and metal marks, when these are used in garments</li> </ul> </li> </ol> <p>if the rate of nickel release from the</p>

parts of these products coming into direct and prolonged contact with the skin is greater than  $0.5\mu\text{g}/\text{cm}^2/\text{week}$ ; (as measured by the method laid down in the harmonised CEN standard EN 1811:1998 “Reference test method for release of nickel from products intended to come into direct and prolonged contact with the skin”, as published in Commission Communication 1999/C 205/05 of [illegible] July 1999).

3. in products such as those listed in point 2 where these have a non-nickel coating unless such coating is sufficient to ensure that the rate [illegible] nickel release from those parts of such product coming into direct and prolonged contact with the skin will not exceed  $0.5\mu\text{g}/\text{cm}^2/\text{week}$  for a period of at least two years of normal use of the product (as measured by the method laid down in [illegible] harmonised CEN standard EN 12472:[illegible] “Method for the simulation of wear and [illegible] for the detection of nickel release from coat items”, as published in Commission Communication 1999/C 205/05 of 20 July 1999)[illegible]

29. Directive No. 97/56/EC of the European Parliament and of the Council, Directive No. 1999/43/EC of the European Parliament and of the Council, and Directive No. 2001/41/EC of the European Parliament and of the Council

Substances which appear in Annex I to Council Directive No. 67/548/EEC classified as carcinogen category 1 or carcinogen category 2 and labelled at least as “Toxic (T)” with risk phrase R45: “may cause cancer” or risk phrase R49: “may cause cancer by inhalation”, and listed as follows:

Carcinogen category 1

(See List 1 in Schedule 3)

Carcinogen category 2

(See List 2 in Schedule 3)

Without prejudice to the provisions of points 1 to 28 of this Schedule: may not be used in substances and preparations placed on the market for sale to the general public in individual concentration equal to or greater than:

- either the concentration specified in Annex I to Council Directive No. 67/548/EEC, or

- the concentration specified in point 6, Annex II Part B to Directive No. 1999/45/EC of the European Parliament and of the Council where no concentration limit appears in Annex I to Council Directive No. 67/548/EEC.

Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations must be marked legibly and indelibly as follows:

“Restricted to professional users”.

By way of derogation, this provision shall not apply to:

- (a) medicinal or veterinary products as defined by Council Directive No. 65/65/EEC;
- (b) cosmetic products as defined by Council Directive No. 76/768/EEC;
- (c) - motor fuels which are covered by Council Directive No. 85/210/EEC,
  - mineral oil products intended for use as fuel in mobile or fixed combustion plants,
  - fuels sold in closed systems (e.g. liquid gas bottles);
- (d) artists' paints covered by Directive 88/379/EEC.

30. Directive No. 97/56/EC of the European Parliament and of the Council and Directive No. 1999/43/EC of the European Parliament and of the Council

Substances which appear in Annex I to Council Directive No. 67/548/EEC classified as mutagen category 1 or mutagen category 2 and labelled with risk phrase R46: “May cause heritable genetic damage”, and listed as follows:

Mutagen category 1

(See List 3 in Schedule 3)

Mutagen category 2

(See List 4 in Schedule 3)

Without prejudice to the provisions of points 1 to 28 of this Schedule: may not be used in substances and preparations placed on the market for sale to the general public in individual concentration equal to or greater than:

- either the concentration specified in Annex I to Council Directive No. 67/548/EEC
- the concentration specified in point 6, of Annex II Part B to Directive No. 1999/45/EC of the European Parliament and of the Council where no concentration limit appears in Annex I to Council Directive No. 67/548/EEC.

Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations must be marked legibly and indelibly as follows:

“Restricted to professional users”.

By way of derogation, this provision shall no apply to:

- (a) medicinal or veterinary products as defined by Council Directive No. 65/65/EEC;
- (b) cosmetic products as defined by

Council Directive No. 76/768/EEC;

(c) - motor fuels which are covered by Council Directive No. 85/210/EEC,

- mineral oil products intended for use as fuel mobile or fixed combustants,

- fuels sold in closed systems (e.g. liquid **[illegible]** bottles);

(d) artists' paints covered by Council Directive **[illegible]** 88/89/EEC.

31. Directive No. 97/56/EC of the European Parliament and of the Council, Directive No. 1999/43/EC of the European Parliament and of the Council, and Directive No. 2001/41/EC of the European Parliament and of the Council

Substances which appear in Annex I to Council Directive No. 67/548/EEC classified as toxic to reproduction category 1 or toxic to reproduction category 2 and labelled with risk phrase R60: "May impair fertility" and/or R61 : "May cause harm to the unborn child", and listed as follows:

Toxic to reproduction category 1 (See List 5 in Schedule 3)

Toxic to reproduction category 2 (See List 6 in Schedule 3)

Without prejudice to the provisions of points 1 to 28 of this Schedule: may not be used in substances and preparations placed on the market for sale to the general public in individual concentration equal to or greater than:

- either the concentration specified in Annex I to Council Directive No. 67/548/EEC, or

- the concentration specified in point 6, of Annex II Part B to Directive No. 1999/45/EC of the European Parliament and of the Council where no concentration limit appears in Annex I to Council Directive No. 67/548/EEC.

Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations must be marked legibly and indelibly as follows:

"Restricted to professional users".

By way of derogation, this provision shall not apply to:

(a) medicinal or veterinary products as defined by Council Directive No. 65/65/EEC;

(b) cosmetic products as defined by Council Directive No. 76/768/EEC;

(c) - motor fuels which are covered by Council Directive No. 85/210/EEC,

- mineral oil products intended for use as fuel in mobile or fixed combustion plants,

- fuels sold in closed systems (e.g.

32. Commission Directive 2001/90/EC	<p>Substances and preparations containing one or more of the following substances:</p> <p>(a) creosote EINECS No 232- 287-5 CAS No 8001-58-9</p> <p>(b) creosote oil EINECS No 263-047-8 CAS No 61789-28-4</p> <p>(c) distillates (coal tar), naphthalene oils EINECS No 283-484-8 CAS No 84650-04-4</p> <p>(d) creosote oil, acenaphthene fraction EINECS No 292-605-3 CAS No 90640-84-9</p> <p>(e) distillates (coal tar), upper EINECS No 266-026-1 CAS No 65996-91-0</p> <p>(f) anthracene oil EINECS No 292-602-7 CAS No 90640-80-5</p> <p>(g) tar acids, coal, crude EINECS No 266-019-3 CAS No 65996- 85-2</p> <p>(h) creosote, wood EINECS No 232-419-1 CAS No 8021-39-4</p> <p>(i) low temperature tar oil, alkaline EINECS No 310-191-5 CAS No 122384-78-5</p>	<p>liquid gas bottles);</p> <p>(d) artists' paints covered by Directive 88/379/EEC.</p> <p>From 30 June 2003 -</p> <ol style="list-style-type: none"> <li>1. May not be used in the treatment of wood. Furthermore, wood so treated may not be placed on the market.</li> <li>2. However by way of derogation:       <ol style="list-style-type: none"> <li>(i) Relating to the substances and preparations: these may be used for wood treatment in industrial installations or by professionals covered by Community legislation on the protection of workers for <i>in situ</i> retreatment only if they contain:           <ol style="list-style-type: none"> <li>(a) benzo-a-pyrene at a concentration of less than 0.005% by mass</li> <li>(b) and water extractable phenols at a concentration of less than 3% by mass.</li> </ol> </li> </ol> <p>Such substances and preparations for use in wood treatment in industrial installations or by professionals:</p> <ul style="list-style-type: none"> <li>- may be placed on the market only in packaging of a capacity equal to or greater than 20 litres,</li> <li>- may not be sold to consumers.</li> </ul> <p>Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations shall be legibly and indelibly marked "For use in industrial installations or professional treatment only."</p> <ol style="list-style-type: none"> <li>(ii) Relating to wood treated in industrial [illegible] installations or by professionals according to ([illegible] which is placed on the market for the first time or retreated <i>in situ</i>: this is permitted for professional and industrial use</li> </ol> </li></ol>
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only, e.g. [illegible] railways, in electric power transmission and telecommunications, for fencing, for agricultural purposes (e.g. stakes for [illegible] support) and in harbours and waterways.

(iii) Relating to wood having been treated with substances listed in point 32(a) to (i) before 3 June 2003: the prohibition in point 1 on the placing on the market shall not apply where the is placed on the second-hand market for re-use

3. However, treated wood referred to under [illegible] 2(ii) and (iii) may not be used:

- inside buildings, whatever their purpose,
- in toys,
- in playgrounds,
- in parks, gardens, and outdoor recreational and leisure facilities where there is a risk of frequent skin contact,
- in the manufacture of garden furniture such as picnic tables,
- for the manufacture and use and any retreatment of:
  - containers intended for growing purposes,
  - packaging that may come into contact with raw materials, intermediate or finished products destined for human and/or animal consumption,
  - other materials which may contaminate the products mentioned above.

33. — 40.  
Commission  
Directive No.  
96/55/EC

33. Chloroform CAS No.  
67-66-3

34. Carbon tetrachloride  
CAS No. 56-23-5

35. 1,1,2-Trichloroethane  
CAS No. 79-00-5

36. 1,1,2,2-

May not be used in concentrations equal to or greater than 0.1 % by weight in substances and preparations placed on the market for sale to the general public or for supply for use in diffusive applications such as in surface cleaning and cleaning of fabrics or both.

	<p>Tetrachloroethane CAS No. 79-34-5</p> <p>37. 1,1,1,2-Tetrachloroethane CAS No. 630-20-6</p> <p>38. Pentachloroethane CAS No. 76-01-7</p> <p>39. 1,1-Dichloroethylene CAS No. 75-35-4</p> <p>40. 1,1,1-Trichloroethane CAS No. 71-55-6</p>	<p>Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations containing them in concentrations equal to or greater than 0.1 % shall be legible and indelibly marked as follows:</p> <p>“For use in industrial installations only”.</p> <p>By way of derogation this provision shall not apply to:</p> <p>(a) medicinal or veterinary products as defined by Council Directive No. 65/65/EEC, as last amended by Council Directive No. 93/39/EEC;</p> <p>(b) cosmetic products as defined by Council Directive No. 76/768/EEC, as last amended by Council Directive No. 93/35/EEC.</p>
41. Commission Directive No 2001/91/EC	Hexachloroethane CAS No 67- 72-1 EINECS No 200-666-4	<p>From 30 June 2003 -</p> <p>May not be used in the manufacturing or processing of non-ferrous metals.</p>
42. Directive No. 2002/45/EC of the European Parliament and of the Council	Alkanes, C <sub>10</sub> -C <sub>13</sub> , chloro (short- chain chlorinated paraffins)	<p>From 6 January 2004 -</p> <p>1. May not be placed on the market for use as substances or as constituents of other substances or preparations in concentrations higher than 1 %:</p> <ul style="list-style-type: none"> <li>- in metalworking</li> <li>- for fat liquoring of leather.</li> </ul> <p>2. Before 1 January 2003 all remaining uses of SCCPs will be reviewed by the European Commission, in cooperation with the Member States and the OSPAR Commission, in the light of any relevant new scientific data on risks posed by SCCPs to health and the environment.</p> <p>The European Parliament will be informed of the outcome of this review.</p>
43. Directive No. 2002/61/EC of the European Parliament and of the Council	Azocolourants (see List of aromatic amines in Schedule 3)	<p>From 11 September 2003 -</p> <p>1. Azodyes which, by reductive cleavage of one or more azo groups, may release one or more of</p>

the aromatic amines listed in Schedule 3, in detectable concentrations, i.e. above 30 ppm in the finished articles or in the dyed parts thereof, according to the testing method established in accordance with Article 2a of this Directive, may not be used in textile and leather articles which may come into direct and prolonged contact with the human skin or oral cavity, such as:

- clothing, bedding, towels, hairpieces, wigs, hats, nappies and other sanitary items, sleeping bags,
- footwear, gloves, wristwatch straps, handbags purses/wallets, briefcases, chair covers, purses worn round the neck,
- textile or leather toys and toys which include textile or leather garments,
- yarn and fabrics intended for use by the final consumer.

2. Furthermore, the textile and leather Article referred to in point 1. above may not be place on the market unless they conform to the requirements set out in that point.

By way of derogation, until 1 January 2005, the provision shall not apply to textile articles **[illegible]** of recycled fibres if the amines are released **[illegible]** residues deriving from previous dyeing of the same fibres and if the listed amines are released in concentrations below 70 ppm.

3. Not later than 11 September 2005, the Commission shall, in light of new scientific knowledge, review the provisions on azocolourants.

## Schedule 2

Regulation 5(2)

(1)

(2)

**Reference Number and Directive Number**      **Designation of the Dangerous Substance, of the Groups of Dangerous Substances or of the Dangerous Preparation**

- Council Directive No. 83/478/EEC
- 1.** All products containing asbestos or the packaging thereof shall bear a label as follows:
- (a) the label conforming to the specimen below shall be at least 5cm high (H) and 2.5cm wide (W);
- (b) it shall consist of two parts:
- the top part ( $H^1 = 40\% H$ ) shall include the letter ‘a’ in white, on a black background,
  - the bottom part ( $H^2 = 60\% H$ ) shall include the standard wording in white or black or both, on a red background, and shall be clearly legible;
- (c) if the product contains crocidolite, the words “contains asbestos” used in the standard wording shall be replaced by “contains crocidolite/blue asbestos”;
- (d) the Authority may exclude from the provision of (c) products containing crocidolite intended to be placed on the market, however the labelling of these products must **[illegible]** the wording “contains asbestos”.
- (e) if labelling takes the form of direct printing on the products, a single colour contrasting with the background colour is sufficient.
- 2.** The label mentioned in this Schedule shall be affixed in accordance with the following rules:
- (a) on each of the smallest units supplied;
- (b) if a product has asbestos-based components, it is sufficient for these componen only to bear the label. The labelling may be dispensed with if smallness of size unsuitability of packaging make it impossible for a label to be affixed to the component
- 3.** Labelling of packaged products containing asbestos
- 3.1 The following particulars shall appear on clearly legible and indelible labelling the packaging of packaged products containing asbestos:
- (a) the symbol and relevant indications of danger in accordance with this Schedule;
- (b) safety instructions which must be selected in accordance with the particulars in **[illegible]** Schedule, to the extent that they are relevant for the particular product.
- Where additional safety information is provided on the packaging, this shall not wea**[illegible]** or contradict the particulars given in accordance with clauses (a) and (b) of **[illegible]** paragraph.
- 3.2 Labelling in accordance with 3.1 shall be effected by means of:
- a label firmly affixed to the packaging, or

- a label securely attached to the package, which may be a tie-on label, or
- direct printing of the packaging.

3.3 Products containing asbestos and which are packaged only in loose plastic wrapping or the like shall be regarded as packaged in products and shall be labelled in accordance with paragraph 3.2. If products are separated from such packages and placed on the market unpackaged, each of the smallest units supplied shall be accompanied by a handout with labelling in accordance with paragraph 3.1.

#### 4. Labelling of unpackaged products containing asbestos

For unpackaged products containing asbestos, labelling in accordance with paragraph 3.1. shall be effected by means of:

- a label firmly affixed to the product containing asbestos,
- a label securely attached to such product, which may be a tie-on label,
- direct printing on the products,

or, if the above mentioned is not reasonably practicable because of smallness of size of the product, the unsuitable nature of the properties of the product or certain technical difficulties, by means of a hand-out with labelling in accordance with paragraph 3.1.

5. Without prejudice to Community provisions on safety and hygiene at work, the label affixed to the product which may, in the context of its use, be processed or finished shall be accompanied by any safety instructions which may be appropriate for the product concerned, and in particular by the following:

- operate if possible out of doors or in a well-ventilated place,
- preferably use hand tools or low-speed tools equipped, if necessary, with **[illegible]** appropriate dust-extraction facility. If high-speed tools are used, they should always be equipped with such a facility.
- if possible, dampen before cutting or drilling,
- dampen dust and place it in a properly closed receptacle and dispose of it safely.

6. The labelling of any product intended for domestic use which is not covered by paragraph 5 and which is likely, during use, to release asbestos fibres should, if necessary, contain the following safety instruction: “replace when worn”.

7. The labelling shall be in the English language.

### Schedule 3

**Regulation 5(1)****Foreword****Explanations of column headings used in this Schedule****Substances:**

The name is the same as that used for the substance in Annex I to Directive 67/548/EEC. Whenever possible dangerous substances are designated by their EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of Notified Chemical Substances) names. Other entries not listed in EINECS or ELINCS are designated using an internationally recognized chemical name (e.g. ISO, IUPAC). An additional common name is included in some cases.

**Index number:**

The index number is the identification code given to the substance in Annex I of Directive 67/548/EEC. Substances are listed in the Appendix according to this index number.

**EC number:**

For each substance listed in the European Inventory of Existing Commercial Chemical Substances (EINECS) there is an identification code. The code starts at 200-001-8.

For each new substance notified under the Directive 67/548/EEC an identification code has been defined and published in the European List of Notified Chemical Substances (ELINCS). The code starts at 400-010-9.

**CAS number:**

Chemical Abstracts Service (CAS) numbers have been defined for substances to help in their identification.

**Notes:**

Certain substances listed in this Schedule have been assigned notes. The full text of the notes can be found in the foreword of Annex I of Directive 67/548/EEC. The notes to be taken into account for the purposes of these Regulations are as follows:

**Note J:**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7).

**Note K:**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (Einecs No 203-450-8).

**Note L:**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

**Note M:**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,005 % w/w benzo[a]-pyrene (Einecs No 200-028-5).

**Note N:**

The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.

**Note P:**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7).

**Note R:**

The classification as a carcinogen need not apply to fibres with a length weighted geometric mean diameter, less two standard errors, greater than 6µm.

**Point 29 (of Schedule 1) - Carcinogens**

**List 1, category 1 carcinogens**

**Substances**

**Index**

**EC Number CAS**

**Notes**

	<b>Number</b>		<b>Number</b>
Chromium trioxide	024-001-00-0	215-607-8	1333-82-0
Zinc chromates including zinc potassium chromate	024-007-00-3		
nickel monoxide	028-003-00-2	215-215-7	1313-99-1
nickel dioxide	028-004-00-8	234-823-3	12035-36-8
dinickel trioxide	028-005-00-3	215-217-8	1314-06-3
nickel sulphide	028-006-00-9	240-841-2	16812-54-7
nickel subsulphide	028-007-00-4	234-829-6	12035-72-2
diarsenic trioxide; arsenic trioxide	033-003-00-0	215-481-4	1327-53-3
arsenic pentoxide; arsenic oxide	033-004-00-6	215-116-9	1303-28-2
arsenic acid and its salts	033-005-00-1		
lead hydrogen arsenate	082-011-00-0	232-064-2	7784-40-9
benzene	601-020-00-8	200-753-7	71-43-2
vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4
Bis (chloromethyl) ether	603-046-00-5	208-832-8	542-88-1

Chloromethyl methyl ether; chlorodimethyl ether	603-075-00- 3	203-480-1	107-30-2
2-naphthylamine; beta- naphthylamine	612-022-00- 3	202-080-4	91-59-8
benzidine; 4,4'-diaminobiphenyl; biphenyl-4,4'-ylenediamine	612-042-00- 2	202-199-1	92-87-5
salts of benzidine	612-070-00- 5		
salts of 2-naphthylamine	612-071-00- 0		
biphenyl-4-ylamine; xenylamine; 4-aminobiphenyl	612-072-00- 6	202-177-1	92-67-1
salts of biphenyl-4-ylamine; salts of xenylamine; salts of 4- aminobiphenyl	612-073-00- 1		
Tar, coal; Coal tar (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-081-00- 7	232-361-7	8007-45-2
Tar, coal, high-temp.; Coal tar (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-082-00- 2	266-024-0	65996-89-6
Tar, coal, low-temp.; Coal oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-083-00- 8	266-025-6	65996-90-9
Tar brown-coal; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-145-00- 4	309-885-0	101316-83-0
Tar, brown-coal, low temp (as detailed in the Annex to Directive No. 97/56/EC of the European	648-146-00- X	309-886-6	101316-84-1

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Distillates (petroleum), light paraffinic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-050-00-0	265-051-5	64741-50-0
Distillates (petroleum), heavy paraffinic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-051-00-6	265-052-0	64741-51-1
Distillates (petroleum), light naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-052-00-1	265-053-6	64741-52-2
Distillates (petroleum), heavy naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-053-00-2	265-054-1	64741-53-3
Distillates (petroleum), acid-treated heavy naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-054-00-2	265-117-3	64741-18-3
Distillates (petroleum), acid-treated light naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-055-00-8	265-118-9	64742-19-4
Distillates (petroleum), acid-treated heavy naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex	649-056-00-3	265-119-4	64742-20-7

to Directive No. 97/56/EC of the European Parliament and of the Council)

Distillates (petroleum), acid-treated light naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-057-00-9	265-121-5	64742-21-8
Distillates (petroleum), chemically neutralized heavy paraffinic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-058-00-4	265-127-8	64742-27-4
Distillates (petroleum), chemically neutralized light paraffinic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-059-00-X	265-128-3	64742-28-5
Distillates (petroleum), chemically neutralized heavy naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-060-00-5	265-135-1	64742-34-3
Distillates (petroleum), chemically neutralized light naphthenic; Unrefined or mildly refined baseoil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-061-00-0	265-136-7	64742-35-4
erionite	650-012-00-0		12510-42-8
asbestos	650-013-00-6		132207-33-1 132207-32-0

12172-73-5

77536-66-4

77536-68-6

77536-67-5

**Point 29 (of Schedule 1) - Carcinogens****List 2, category 2 carcinogens**

<b>Substances</b>	<b>Index Number</b>	<b>EC Number</b>	<b>CAS Number</b>	<b>Notes</b>
beryllium	004-001-00-7	231-150-7	7440-41-7	
beryllium compounds with the exception of aluminium beryllium silicates	004-002-00-2			
sulfallate (ISO); 2-chlorallyl diethyldithiocarbamate	006-038-00-4	202-388-9	95-06-7	
dimethylcarbamoyl chloride	006-041-00-0	201-208-6	79-44-7	
diazomethane	006-068-00-8	206-382-7	334-88-3	
hydrazine	007-008-00-3	206-114-9	302-01-2	
N,N-dimethylhydrazine	007-012-00-5	200-316-0	57-14-7	
1,2-dimethylhydrazine	007-013-00-		540-73-8	

	0		
salts of hydrazine	007- 014-00- 6		
hydrazobenzene; 1,2-diphenylhydrazine	007- 021-00- 4	204- 563-5	122-66- 7
hydrazine bis(3-carboxy-4- hydroxybenzenesulfonate)	007- 022-00- X	405- 030-1	
hexamethylphosphoric triamide; hexamethylphosphoramide	015- 106-00- 2	211- 653-8	680-31- 9
dimethyl sulphate	016- 023-00- 4	201- 058-1	77-78-1
diethyl sulphate	016- 027-00- 6	200- 589-6	64-67-5
1,3-propanesultone	016- 032-00- 3	214- 317-9	1120- 71-4
dimethylsulfamoylchloride	016- 033-00- 9	236- 412-4	13360- 57-1
Potassium dichromate	024- 002-00- 6	231- 906-6	7778- 50-9
Ammonium dichromate	024- 003-00- 1	232- 143-1	7789- 09-05
Sodium dichromate	024- 004-00- 7	234- 190-3	10588- 01-9

Sodiumdichromate, dihydrate	024- 004-01- 4	234- 190-3	7789- 12-0
Chromyl dichloride; chromic oxychloride	024- 005-00- 2	239- 056-8	14977- 61-8
Potassium chromate	024- 006-00- 8	232- 140-5	7789- 00-6
calcium chromate	024- 008-00- 9	237- 366-8	13765- 19-0
strontium chromate	024- 009-00- 4	232- 142-6	7789- 06-2
chromium III chromate; chromic chromate	024- 010-00- X	246- 356-2	24613- 89-6
Chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in Annex I to Directive 67/548/EEC	024- 017-00- 8		
potassium bromate	035- 003-00- 6	231- 829-8	7758- 01-2
cadmium oxide	048- 002-00- 0	215- 146-2	1306- 19-0
cadmium chloride	048- 008-00- 3	233- 296-7	10108- 64-2
cadmium sulphate	048- 009-00- 9	233- 331-6	10124- 36-4
butane [1] and isobutane [2] (containing $\geq 0.1$	601-	203-	106-97-

% butadiene (203-450-8))	004-01-8	448-7[1] 200-857-2[2]	8[1] 75-28-5[2]
1,3-butadiene; buta-1,3-diene	601-013-00-X	203-450-8	106-99-0
benzo[a]pyrene; benzo[d,e,f]chrysene	601-032-00-3	200-028-5	50-32-8
benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3
benzo[b]fluoranthene; benzo[e]acephenanthrylene	601-034-00-4	205-911-9	205-99-2
benzo[j]fluoranthene	601-035-00-X	205-910-3	205-82-3
benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9
dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3
1,2-dibromoethane; ethylene dibromide	602-010-00-6	203-444-5	106-93-4
1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2
1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8
Bromoethylene	602-024-00-	209-800-6	593-60-2

trichlorotoluene; benzotrichloride	602- 038-00- 9	202- 634-5	98-07-7
1,3-dichloro-2-propanol	602- 064-00- 0	202- 491-9	96-23-1
hexachlorobenzene	602- 065-00- 6	204- 273-9	118-74- 1
1,4-dichlorobut-2-ene	602- 073-00- X	212- 121-8	764-41- 0
ethylene oxide; oxirane	603- 023-00- X	200- 849-9	75-21-8
1-chloro-2,3-epoxypropane; epichlorhydrin	603- 026-00- 6	203- 439-8	106-89- 8
propylene oxide; 1,2-epoxypropane; methyloxirane	603- 055-00- 4	200- 879-2	75-56-9
styrene oxide; (epoxyethyl)benzene; phenyloxirane	603- 084-00- 2	202- 476-7	96-09-3
4-amino-3-fluorophenol	604- 028-00- X	402- 230-0	399-95- 1
5-Allyl-1,3-benzodioxole; safrole	605- 020-00- 9	202- 345-4	94-59-7
3-propanolide; 1,3-propiolactone	606- 031-00- 1	200- 340-1	57-57-8

urethane(INN); ethyl carbamate	607- 149-00- 6	200- 123-1	51-79-6
methyl acrylamidomethoxyacetate (containing $\geq$ 0,1 % acrylamid)	607- 190-00- X	401- 890-7	77402- 03-0
methyl acrylamidoglycolate (containing $\geq$ 0,1 % acrylamide)	607- 210-00- 7	403- 230-3	77402- 05-2
acrylonitrile	608- 003-00- 4	203- 466-5	107-13- 1
2-nitropropane	609- 002-00- 1	201- 209-1	79-46-9
5-nitroacenaphthene	609- 037-00- 2	210- 025-0	602-87- 9
2-nitronaphthalene	609- 038-00- 8	209- 474-5	581-89- 5
4-nitrobiphenyl	609- 039-00- 3	202- 204-7	92-93-3
nitrofen (ISO); 2,4-dichlorophenyl4-nitrophenyl ether	609- 040-00- 9	217- 406-0	1836- 75-5
2-nitroanisole	609- 047-00- 7	202- 052-1	91-23-6
methyl-ONN-azoxymethyl acetate; methyl azoxy methyl acetate	611- 004-00- 2	209- 765-7	592-62- 1
disodium {5-[(4'-((2,6-hydroxy-3-((2-hydroxy-	611-	240-	16071-

5- sulphophenyl)azo)phenyl)azo)(1,1'-biphenyl)- 4-yl)azo]salicylato(4-)} cuprate(2-); CI Direct Brown 95	005-00-8	221-1	86-6
4-o-tolylazo-o-toluidine; 4-amino-2',3'-dimethylazobenzene; fast garnet GBC base; AAT; o-aminoazotoluene	611-006-00-3	202-591-2	97-56-3
4-aminoazobenzene	611-008-00-4	200-453-6	60-09-3
Benzidine based azo dyes; 4,4'-diarylazobiphenyl dyes, with the exception of those specified elsewhere in Annex I to Directive 67/548/EEC	611-024-00-1		
Disodium 4-amino 3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate; C.I. Direct Black 38	611-025-00-7	217-710-3	1937-37-7
Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-dylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate]; C.I. Direct Blue 6	611-026-00-2	220-012-1	2602-46-2
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-dylbis(azo)]bis[4-aminonaphthalene-1-sulphonate]; C.I. Direct Red 28	611-027-00-8	209-358-4	573-58-0
2-methoxyaniline; o-anisidine,	612-035-00-4	201-963-1(o)	90-04-0
3,3'-dimethoxybenzidine; o-dianisidine	612-036-00-X	204-355-4	119-90-4
salts of 3,3'-dimethoxybenzidine; salts of o-dianisidine	612-037-00-5		
3,3'-dimethylbenzidine; o-tolidine	612-041-00-7	204-358-0	119-93-7

4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline	612-051-00-1	202-974-4	101-77-9
3,3'-dichlorobenzidine; 3,3'-dichlorobiphenyl-4,4'-ylenediamine	612-068-00-4	202-109-0	91-94-1
salts of 3,3'-dichlorobenzidine; salts of 3,3'-dichlorobiphenyl-4,4'-ylenediamine	612-069-00-X		
N-nitrosodimethylamine; dimethylnitrosamine	612-077-00-3	200-549-8	62-75-9
2,2'-dichloro-4,4'-methylenedianiline; 4,4'-methylene bis(2-chloroaniline)	612-078-00-9	202-918-9	101-14-4
salts of 2,2'-dichloro-4,4'-methylenedianiline; salts of 4,4'-methylenebis(2-chloroaniline)	612-079-00-4		
salts of 3,3'-dimethylbenzidine; salts of o-toluidine	612-081-00-5		
1-methyl-3-nitro-1-nitrosoguanidine	612-083-00-6	200-730-1	70-25-7
4,4'-methylenedi-o-toluidine	612-085-00-7	212-658-8	838-88-0
2,2'-(nitrosoimino)bisethanol	612-090-00-4	214-237-4	1116-54-7
o-toluidine	612-091-00-X	202-429-0	95-53-4
nitrosodipropylamine	612-	210-	621-64-

	098-00- 8	698-0	7	
4-methyl-m-phenylenediamine	612- 099-00- 3	202- 453-1	95-80-7	
Toluene-2,4-diammonium sulphate	612- 126-00- 9	265- 697-8	65321- 67-7	
4-chloraniline	612- 137-00- 9	203- 401-0	106-47- 8	
ethyleneimine; aziridine	613- 001-00- 1	205- 793-9	151-56- 4	
2-methylaziridine; propyleneimine	613- 033-00- 6	200- 878-7	75-55-8	
captafol (ISO); 1,2,3,6-tetrahydro-N-(1,1,2,2-tetrachloroethylthio) phthalimide	613- 046-00- 7	219- 363-3	2425- 06-1	
carbadox (INN), methyl 3-(quinoxalin-2-ylmethylene)carbazate 1,4-dioxide; 2-(methoxycarbonylhydrazonomethyl)quinoxaline 1,4-dioxide	613- 050-00- 9	229- 879-0	6804- 07-5	
acrylamide	616- 003-00- 0	201- 173-7	79-06-1	
thioacetamide	616- 026-00- 6	200- 541-4	62-55-5	
Distillates (coal tar), benzole fraction; Light oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 001-00- 0	283- 482-7	84650- 02-2	
Tar oils, brown-coal; Light oil (as detailed in	648-	302-	94114-	J

the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	002-00-6	674-4	40-6	
Benzol forerunnings (coal); Light oil redistillate, low boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-003-00-1	266-023-5	65996-88-5	J
Distillates (coal tar), benzole fraction, BTX-rich, Light oil redistillate, low boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-004-00-7	309-984-9	101896-26-8	J
Aromatic hydrocarbons, C <sub>6-10</sub> , C <sub>8</sub> -rich; Light oil redistillate, low boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-005-00-2	292-697-5	90989-41-6	J
Solvent naphta (coal), light; Light oil redistillate, low boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-006-00-8	287-498-5	85536-17-0	J
Solvent naphta (coal), xylene-styrene cut; Light oil redistillate, intermediate boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-007-00-3	287-502-5	85536-20-5	J
Solvent naphta (coal), coumarone-styrene contg.; Light oil redistillate, intermediate boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-008-00-9	287-500-4	85536-19-2	J
Naphta (coal), distn. Residues; Light oil redistillate, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-009-00-4	292-636-2	90641-12-6	J
Aromatic hydrocarbons, C <sub>8</sub> ; Light oil redistillate, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-010-00-X	292-694-9	90989-38-1	J
Aromatic hydrocarbons, C <sub>8-9</sub> ; hydrocarbon resin polymn. by-product; Light oil redistillate, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European	648-012-00-0	295-281-1	91995-20-9	J

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Aromatic hydrocarbons, C <sub>9</sub> - 12; benzene distn.; Light oil redistillate, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 013-00- 6	295- 551-9	92062- 36-7	J
Extract residues (coal), benzole fraction alk., acid ext.; Light oil extract residues, lowboiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 014-00- 1	295- 323-9	91995- 61-8	J
Extract residues (coal tar), benzole fraction alk., acid ext.; Light oil extract residues, lowboiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 015-00- 7	309- 868-8	101316- 63-6	J
Extract residues (coal), benzole fraction acid; Light oil extract residues, lowboiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 016-00- 2	298- 725-2	93821- 38-6	J
Extract residues (coal), light oil alk., distn. overheads; Light oil extract residues, low boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 017-00- 8	292- 625-2	90641- 02-4	J
Extract residues (coal), light oil alk., acid ext., indene fraction; Light oil extract residues, intermediate boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 018-00- 3	309- 867-2	101316- 62-5	J
Extract residues (coal), light oil alk., indene naphtha fraction; Light oil extract residues, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 019-00- 9	292- 626-8	90641- 03-5	J
Solvent naphtha (coal); Light oil extract residues, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 020-00- 4	266- 013-0	65996- 79-4	J
Distillates (coal tar), light oils, neutral fraction;	648-	309-	101794-	J

Light oil extract residues, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	021-00- X	971-8	90-5	
Distillates (coal tar), light oils, acid exts.; Light oil extract residues, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 022-00- 5	292- 609-5	90640- 87-2	J
Distillates (coal tar), light oils; Carbolic oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 023-00- 0	283- 483-2	84650- 03-3	J
Tar oils, coal; Carbolic oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 024-00- 6	266- 016-7	65996- 82-9	J
Extract residues (coal), light oil alk., acid ext.; Carbolic oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 026-00- 7	292- 624-7	90641- 01-3	J
Extract residues (coal), tar oil alk.; Carbolic oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 027-00- 2	266- 021-4	65996- 87-4	J
Extract oils (coal), light oil; Acid Extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 028-00- 8	292- 622-6	90640- 99-6	J
Pyridine, alkyl derivs.; Crude tar bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 029-00- 3	269- 929-9	68391- 11-7	J
Tar bases, coal, picoline fraction; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 030-00- 9	295- 548-2	92062- 33-4	J
Tar bases, coal, lutidine fraction; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648- 031-00- 4	293- 766-2	91082- 52-9	J
Extract oils (coal), tar base, collidine fraction; Distillate bases (as detailed in the Annex to	648- 032-00-	273- 077-3	68937- 63-3	J

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Tar bases, coal, collidine fraction; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-033-00-5	295-543-5	92062-28-7	J
Tar Bases, coal, aniline fraction; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-034-00-0	295-541-4	97062-27-6	J
Tar bases, coal, toluidine fraction; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-035-00-6	293-767-8	91082-53-0	J
Distillates (petroleum), alkene-alkyne manuf. pyrolysis oil, mixed with high-temp. coal tar, indene fraction; Redistillates (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-036-00-1	295-292-1	91995-31-2	J
Distillates (coal), coal tar-residual pyrolysis oils, naphthalene oils; Redistillates (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-037-00-7	295-295-8	91995-35-6	J
Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oil, redistillate; Redistillates (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-038-00-2	295-329-1	91995-66-3	J
Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oils; Redistillates (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-039-00-8	310-170-0	122070-79-5	J
Extract oils (coal), coal tar residual pyrolysis oils, naphthalene oil, distn. residues; Redistillates (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-040-00-3	310-171-6	122070-80-8	J
Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction; Wash oil redistillate (as	648-041-00-	309-851-5	101316-45-4	M

detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	9			
Distillates (coal tar), upper, fluorene-rich; Wash oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-042-00-4	284-900-0	84989-11-7	M
Creosote oil, acenaphthene fraction, acenaphthene-free; Wash oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-043-00-X	292-606-9	90640-85-0	M
Distillates (coal tar), heavy oils; Heavy anthracene oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-044-00-5	292-607-4	90640-86-1	
Anthracene oil, acid ext.; Anthracene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-046-00-6	295-274-3	91995-14-1	M
Distillates (coal tar); Heavy anthracene oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-047-00-1	266-027-7	65996-92-1	M
Distillates (coal tar), pitch, heavy oils; Heavy anthracene oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-048-00-7	295-312-9	91995-51-6	M
Distillates (coal tar), pitch; Heavy anthracene oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-049-00-2	309-855-7	101316-49-8	M
Distillates (coal tar), heavy oils, pyrene fraction; Heavy anthracene oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-050-00-8	295-304-5	91995-42-5	M
Distillates (coal tar), pitch, pyrene fraction; Heavy anthracene oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-051-00-3	295-313-4	91995-52-7	M

Paraffin waxes (coal), brown-coal high-temp. tar, carbon-treated; Coal tar extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-052-00-9	308-296-6	97926-76-6	M
Paraffin waxes (coal), brown-coal high-temp. tar, carbon-treated; Coal tar extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-053-00-4	308-297-1	97926-77-7	M
Pitch; Pitch (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-054-00-X	263-072-4	61789-60-4	M
Pitch, coal tar, high temp.; Pitch (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-055-00-5	266-028-2	65996-93-2	
Pitch, coal tar, high temp., heat-treated; Pitch (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-056-00-0	310-162-7	121575-60-8	M
Pitch, coal tar, high temp., secondary; Pitch redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-057-00-6	302-650-3	94114-13-3	M
Residues (coal tar), pitch distn.; Pitch redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-058-00-1	295-507-9	92061-94-4	M
Tar, coal, high-temp., distn. and storage residues; Coal tar solids residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-059-00-7	295-535-1	92062-20-9	M
Tar, coal, storage residues; Coal tar solids residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-060-00-2	293-764-1	91082-50-7	M
Tar, coal, high-temp., residues; Coal tar solids residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-061-00-8	309-726-5	100684-51-3	M

Tar, coal, high-temp., high-solids; Coal tar solids residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-062-00-3	273-615-7	68990-61-4	M
Waste solids, coal-tar pitch coking; Coal tar solids residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-063-00-9	295-549-8	92062-34-5	M
Extract residues (coal), brown; Coal tar extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-064-00-4	294-285-0	91697-23-3	M
Paraffin waxes (coal), brown-coal-high-temp. tar; Coal tar extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-065-00-X	295-454-1	92045-71-1	M
Paraffin waxes (coal), brown-coal-high-temp. tar, hydrotreated; Coal tar extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-066-00-4	295-455-7	92045-72-2	M
Paraffin waxes (coal), brown-coal high-temp tar, silicic acid-treated; Coal tar extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-067-00-0	308-298-7	97926-78-8	M
Tar, coal, low-temp., distn. residues; Tar oil, intermediate boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-068-00-6	309-887-1	101316-85-2	M
Pitch, coal tar, low-temp; Pitch residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-069-00-1	292-651-4	90669-57-1	M
Pitch, coal tar, low-temp., oxidized; Pitch residue, oxidised (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-070-00-7	292-654-0	90669-59-3	M
Pitch, coal tar, low-temp., heat-treated; Pitch residue, oxidised; Pitch residue, heat-treated (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-071-00-2	292-653-5	90669-58-2	M

Distillates (coal-petroleum), condensed-ring arom; Distillates (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-072-00-8	269-159-3	68188-48-7	M
Aromatic hydrocarbons, C <sub>20-28</sub> , polycyclic, mixed coal-tar pitch- polyethylene-polypropylene pyrolysis-derived; Pyrolysis products (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-073-00-3	309-956-6	101794-74-5	M
Aromatic hydrocarbons, C <sub>20-28</sub> , polycyclic, mixed coal-tar pitch- polyethylene pyrolysis-derived; Pyrolysis products (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-074-00-9	309-957-1	101794-75-6	M
Aromatic hydrocarbons, C <sub>20-28</sub> , polycyclic, mixed coal-tar pitch- polystyrene pyrolysis-derived; Pyrolysis products (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-075-00-4	309-958-7	101794-76-7	M
Pitch, coal tar-petroleum; Pitch residues (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-076-00-X	269-109-0	68187-57-5	M
Phenanthrene, distn. residues; Heavy anthracene oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-077-00-5	310-169-5	122070-78-4	M
Distillates (coal tar), upper, fluorene-free; Wash oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-078-00-0	284-899-7	84989-10-6	M
Residues (coal tar), creosote oil distn.; Wash oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-080-00-1	295-506-3	92061-93-3	M
Distillates (coal), coke-oven light oil, naphthalene cut; Naphthalene (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-084-00-3	285-076-5	85029-51-2	J, M

Distillates (coal tar), naphthalene oils, naphthalene-low; Naphthalene oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-086-00-4	284-898-1	84989-09-3	J, M
Distillates (coal tar), naphthalene oil crystn. mother liquor; Naphthalene oil redistillate (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-087-00-X	295-310-8	91995-49-2	J, M
Extract residues (coal), naphthalene oil, alk.; Naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-088-00-5	310-166-9	121620-47-1	J, M
Extract residues (coal), naphthalene oil, alk., naphthalene-low; Naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-089-00-0	310-167-4	121620-48-2	J, M
Distillates (coal tar), naphthalene oils, naphthalene-free, alk. exts.; Naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-090-00-6	292-612-1	90640-90-7	J, M
Extract residues (coal), naphthalene oil alk., distn. overheads; Naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-091-00-1	292-627-3	90641-04-6	J, M
Distillates (coal tar), naphthalene oils, methylnaphthalene fraction; Methylnaphthalene oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-092-00-7	309-985-4	101896-27-9	J, M
Distillates (coal tar), naphthalene oils, indole-methylnaphthalene fraction; Methylnaphthalene oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-093-00-2	309-972-3	101794-91-6	J, M
Distillates (coal tar), naphthalene oils, acid exts.; Methylnaphthalene oil extract residue (as	648-094-00-	295-309-2	91995-48-1	J, M

detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	8			
Extract residues (coal), naphthalene oil alk., distn. residues; Methyl-naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-095-00-3	292-628-9	90641-05-7	J, M
Extract oils (coal), acidic, tar-base free; Methyl-naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-096-00-9	284-901-6	84989-12-8	J, M
Distillates (coal tar), benzole fraction, distn. residues; Wash oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-097-00-4	310-165-3	121620-46-0	J, M
Creosote oil, high-boiling distillate; Wash oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-100-00-9	274-565-9	70321-79-8	J, M
Extract residues (coal), creosote oil acid; Wash oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-102-00-X	310-189-4	122384-77-4	J, M
Anthracene oil, anthracene paste; Anthracene oil fraction (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-103-00-5	292-603-2	90640-81-6	J, M
Anthracene oil, anthracene-low; Anthracene oil fraction (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-104-00-0	292-604-8	90640-82-7	J, M
Residues (coal tar), anthracene oil distn.; Anthracene oil fraction (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-105-00-6	295-505-8	92061-92-2	J, M
Anthracene oil, anthracene paste, anthracene fraction; Anthracene oil fraction (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-106-00-1	295-275-9	91995-15-2	J, M

Anthracene oil, anthracene paste, carbazole fraction; Anthracene oil fraction (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-107-00-7	295-276-4	91995-16-3	J, M
Anthracene oil, anthracene paste, distn. lights; Anthracene oil fraction (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-108-00-2	295-278-5	91995-17-4	J, M
Tar oils, coal, low-temp.; Tar oil, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-109-00-8	309-889-2	101316-87-4	J, M
Phenols, ammonia liquor ext.; Alkaline extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-111-00-9	284-881-9	84988-93-2	J, M
Distillates (coal tar), light oils, alk. exts.; Alkaline extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-112-00-4	292-610-0	90640-88-3	J, M
Extracts, coal tar oil alk.; Alkaline extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-113-00-X	266-017-2	65996-83-0	J, M
Distillates (coal tar), naphthalene oils, alk. exts.; Alkaline extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-114-00-5	292-611-6	90640-89-4	J, M
Extract residues (coal), tar oil alk., carbonated, limed; Crude phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-115-00-0	292-629-4	90641-06-8	J, M
Tar acids, brown-coal, crude; Crude phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-117-00-1	309-888-7	101316-86-3	J, M
Tar acids, brown-coal gasification; Crude phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-118-00-7	295-536-7	92062-22-1	J, M

Tar acids, distn. residues; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-119-00-2	306-251-5	96690-55-0	J, M
Tar acids, methylphenol fraction; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-120-00-8	284-892-9	84989-04-8	J, M
Tar acids, polyalkylphenol fraction; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-121-00-3	284-893-4	84989-05-9	J, M
Tar acids, xylenol fraction; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-122-00-9	284-895-5	84989-06-0	J, M
Tar acids, ethylphenol fraction; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-123-00-4	284-891-3	84989-03-7	J, M
Tar acids, 3,5-xylenol fraction; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-124-00-X	284-896-0	84989-07-1	J, M
Tar acids, residues, distillates, first-cut; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-125-00-5	270-713-1	68477-23-6	J, M
Tar acids, cresylic, residues; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-126-00-0	271-418-0	68555-24-8	J, M
Phenols, C <sub>9-11</sub> ; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-127-00-6	293-435-2	91079-47-9	J, M
Tar acids, cresylic; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-128-00-1	295-540-9	99062-26-S	J, M

Tar acids, brown-coal, C <sub>2</sub> -alkylphenol fraction; Distillate phenols (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-129-00-7	302-662-9	94114-29-1	J, M
Extract oils (coal), naphthalene oils; Acid extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-130-00-2	292-623-1	90641-00-2	J, M
Tar bases, quinoline derivs.; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-131-00-8	271-020-7	68513-87-1	J, M
Tar bases, coal, quinoline derivs. fraction; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-132-00-3	274-560-1	70321-67-4	J, M
Tar bases, coal, distn. residues; Distillate bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-132-00-9	274-544-0	92062-29-8	J, M
Hydrocarbon oils, arom., mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction; Heat treatment products (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-134-00-4	309-745-9	100801-63-6	J, M
Hydrocarbon oils, arom., mixed with polyethylene, pyrolyzed, light oil fraction; Heat treatment products (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-135-00-X	309-748-5	100801-65-8	J, M
Hydrocarbon oils, arom., mixed with polystyrene, pyrolyzed, light oil fraction; Heat treatment products (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-136-00-5	309-749-0	100801-66-9	J, M
Extract residues (coal), tar oil alk., naphthalene distn. residues; Naphthalene oil extract residue (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-137-00-0	277-567-8	736665-18-6	J, M

Creosote oil, low-boiling distillate; Wash oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-138-00-6	274-566-4	70321-80-1	J, M
Tar acids, cresylic, sodium salts, caustic solns.; Alkaline extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-139-00-1	272-361-4	68815-21-4	J, M
Extract oils (coal), tar base; Acid extract (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-140-00-7	266-020-9	65996-86-3	J, M
Tar bases, coal, crude; Crude tar bases (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-141-00-2	266-018-8	65996-84-1	J, M
Residues (coal), liq. solvent extn.; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-142-00-8	302-681-2	94114-46-2	M
Coal liquids, liq. solvent extn. soln.; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-143-00-3	302-682-8	94114-47-3	M
Coal liquids, liq. solvent extn.; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-144-00-9	302-683-3	94114-48-4	M
Light oil (coal), coke-oven; Crude benzole (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-147-00-5	266-012-5	65996-78-3	J
Distillates (coal), liq. solvent extn., primary; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-148-00-0	302-688-0	94114-52-0	J
Distillates (coal) solvent extn., hydrocracked; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-149-00-6	302-689-6	94114-53-1	J
Naphtha (coal), solvent extn., hydrocracked; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-150-00-1	302-690-1	94114-54-2	J

Gasoline, coal solvent extn., hydrocracked naphtha; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-151-00-7	302-691-7	94114-55-3	J
Distillates (coal), solvent extn., hydrocracked middle; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-152-00-2	302-692-2	94114-56-4	J
Distillates (coal), solvent extn., hydrocracked hydrogenated middle; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-153-00-8	302-693-8	94114-57-5	J
Light oil (coal), semi-coking process; Fresh oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	648-156-00-4	292-635-7	90641-11-5	J
Extracts (petroleum), light naphthenic distillate solvent (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-001-00-3	265-102-1	64742-03-6	
Extracts (petroleum), heavy paraffinic distillate solvent (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-002-00-9	265-103-7	64742-04-7	
Extracts (petroleum), light paraffinic distillate solvent (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-003-00-4	265-104-2	64742-05-8	
Extracts (petroleum), heavy naphthenic distillate solvent (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-004-00-X	265-111-0	64742-11-6	
Extracts (petroleum), light vacuum gas oil solvent (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-005-00-5	295-341-7	91995-78-7	
Hydrocarbons C <sub>26-55</sub> , arom.-rich (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-006-00-0	307-753-7	9722-04-8	

Residues (petroleum), atm. tower; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-008-00-1	265-045-2	64741-45-3
Gas oils (petroleum), heavy vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-009-00-7	265-058-3	64741-57-7
Distillates (petroleum), heavy catalytic cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-010-00-2	265-063-0	64741-61-3
Clarified oils (petroleum), catalytic cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-011-00-8	265-064-6	64741-62-4
Residues (petroleum), hydrocracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-012-00-3	265-076-1	64741-75-9
Residues (petroleum), thermal cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-013-00-9	265-081-9	64741-80-6
Distillates (petroleum), heavy thermal cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-014-00-4	265-082-4	64741-81-7
Gas oils (petroleum), hydrotreated vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-015-00-X	265-162-9	64742-59-2
Residues (petroleum) hydrodesulfurized atmospheric tower; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-016-00-5	265-181-2	64742-78-5
Gas oils (petroleum), hydrodesulfurized heavy vacuum; Heavy fuel oil (as detailed in the	649-017-00-	265-189-6	64742-86-5

Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	0		
Residues (petroleum), steam-cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-018-00-6	265-193-8	64742-90-1
Residues (petroleum), atmospheric; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-019-00-1	269-777-3	68333-22-2
Clarified oils (petroleum), hydrodesulfurized catalytic cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-020-00-7	269-782-0	68333-26-6
Distillates (petroleum), hydrodesulfurized intermediate catalytic cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-021-00-2	269-783-6	68333-27-7
Distillates (petroleum), hydrodesulfurized heavy catalytic cracked; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-022-00-8	269-784-1	68333-28-8
Fuel oil, residues-straight-run gas oils, high-sulfur; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-023-00-3	270-674-0	68476-32-4
Fuel oil, residual; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-024-00-9	270-675-6	68476-33-5
Residues (petroleum), catalytic reformer fractionator residue distn.; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-025-00-4	270-792-2	68478-13-7
Residues (petroleum), heavy coker gas oil and vacuum gas oil; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-026-00-X	270-796-4	68478-17-1

Residues (petroleum), heavy coker and light vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-027-00-5	270-983-0	68512-61-8
Residues (petroleum), light vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-028-00-0	270-984-6	68512-62-9
Residues (petroleum), steam-cracked light; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-029-00-6	271-013-9	68513-69-9
Fuel oil, No 6; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-030-00-1	271-384-7	68553-00-4
Residues (petroleum), topping plant, low-sulfur; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-031-00-7	271-763-7	68607-30-7
Gas oils (petroleum), heavy atmospheric; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-032-00-2	272-184-2	68783-08-4
Residues (petroleum), coker scrubber, Condensed-ring-arom.-contg.; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-033-00-8	272-187-9	68783-13-1
Distillates (petroleum), petroleum residues vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-034-00-3	273-263-4	68955-27-1
Residues (petroleum), steam-cracked, resinous; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-035-00-9	273-272-3	68955-36-2
Distillates (petroleum), intermediate vacuum; Heavy fuel oil (as detailed in the Annex to	649-036-00-	274-683-0	70592-76-6

Directive No. 97/56/EC of the European Parliament and of the Council)	4		
Distillates (petroleum), light vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-037-00-X	247-684-6	70592-77-7
Distillates (petroleum), vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-038-00-5	274-685-1	70592-78-8
Gas oils (petroleum), hydrodesulphurized coker heavy vacuum; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-039-00-0	285-555-9	85117-03-9
Residues (petroleum), steam-cracked, distillates; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-040-00-6	292-657-7	90669-75-3
Residues (petroleum), vacuum, light; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-041-00-1	292-658-2	90669-76-4
Fuel oil, heavy, high-sulphur; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-042-00-7	295-396-7	92045-14-2
Residues (petroleum), catalytic cracking; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-043-00-2	295-511-0	92061-97-7
Distillates (petroleum), intermediate catalytic cracked, thermally degraded; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-044-00-8	295-990-6	92201-59-7
Residual oils (petroleum); Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-045-00-3	298-754-0	93821-66-0
Residues, steam cracked, thermally treated;	649-	308-	98219-

Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	046-00-9	733-0	64-8	
Distillates (petroleum), hydrosulphurized full-range middle; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-047-00-4	309-863-0	101316-57-8	
Residues (petroleum), catalytic reformer fractionator; Heavy fuel oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-048-00-X	265-069-3	64741-67-9	
Petroleum; Crude oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-049-00-5	232-298-5	8002-05-9	
Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C <sub>3</sub> -rich acid-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-062-00-6	270-755-0	68477-73-6	K
Gases (petroleum), catalytic cracker; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-063-00-1	270-756-6	68477-74-7	K
Gases (petroleum), catalytic cracker, C <sub>1-5</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-064-00-7	270-757-1	68477-75-8	K
Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C <sub>2-4</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-065-00-2	270-758-7	68477-76-9	K
Gases (petroleum), catalytic reformer, C <sub>1-4</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-066-00-8	270-760-8	68477-79-2	K
Gases (petroleum), C <sub>3-5</sub> olefinic-paraffinic alkylation feed; Petroleum gas (as detailed in	649-067-00-	270-765-5	68477-83-8	K

the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	3			
Gases (petroleum), C <sub>4</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-068-00-9	270-767-6	68477-85-0	K
Gases (petroleum), deethanizer overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-069-00-4	270-768-1	68477-86-1	K
Gases (petroleum), deisobutanizer tower overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-070-00-X	270-769-7	68477-87-2	K
Gases (petroleum), depropanizer dry, propane-rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-071-00-5	270-772-3	68477-90-7	K
Gases (petroleum), depropanizer overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-072-00-0	270-773-9	68477-91-8	K
Gases (petroleum), gas recovery plant depropanizer overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-073-00-6	270-777-0	68477-94-1	K
Gases (petroleum), Girbatol unit feed; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-074-00-1	270-778-6	68477-95-2	K
Gases (petroleum), isomerized naphtha fractionator, C <sub>4</sub> -rich, hydrogen sulfide-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-075-00-7	270-782-8	68477-99-6	K
Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-076-00-2	270-802-5	68478-21-7	K

Tail gas (petroleum), catalytic cracked naphtha stabilization absorber; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-077-00-8	270-803-0	68478-22-8	K
Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-078-00-3	270-804-6	68478-24-0	K
Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-079-00-9	270-806-7	68478-36-2	K
Tail gas (petroleum), saturate gas plant mixed stream, C <sub>4</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-080-00-4	270-813-5	68478-32-0	K
Tail gas (petroleum), saturate gas recovery plant, C <sub>1-2</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-081-00-X	270-814-0	68478-33-1	K
Tail gas (petroleum), vacuum residues thermal cracker; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-082-00-5	270-815-6	68478-34-2	K
Hydrocarbons, C <sub>3-4</sub> -rich, petroleum distillate; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-083-00-0	270-990-9	68512-91-4	K
Gases (petroleum), full-range straight-run naphtha dehexanizer off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-084-00-6	271-000-8	68513-15-5	K
Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-085-00-1	271-001-3	68513-16-6	K

Gases (petroleum), light straight-run naphtha stabilizer off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-086-00-7	271-002-9	68513-17-7	K
Residues (petroleum), alkylation splitter, C <sub>4</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-087-00-2	271-010-2	68513-66-6	K
Hydrocarbons, C <sub>1-4</sub> , sweetened; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-089-00-3	271-038-5	68514-36-3	K
Hydrocarbons, C <sub>1-3</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-090-00-9	271-259-7	68527-16-2	K
Hydrocarbons, C <sub>1-4</sub> , debutanizer fraction; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-091-00-4	271-261-8	68527-19-5	K
Gases (petroleum), C <sub>1-5</sub> , wet; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-092-00-X	271-624-0	68602-83-5	K
Hydrocarbons, C <sub>2-4</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-093-00-5	271-734-9	68606-25-7	K
Hydrocarbons, C <sub>3</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-094-00-0	271-735-4	68606-26-8	K
Gases (petroleum), alkylation feed; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-095-00-6	271-737-5	68606-27-9	K
Gases (petroleum), depropanizer bottoms fractionation off; Petroleum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-096-00-1	271-742-2	68606-34-8	K

Gases (petroleum), refinery blend; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-097-00-7	272-183-7	68783-07-3	K
Gases (petroleum), catalytic cracking; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-098-00-2	272-203-4	68783-64-2	K
Gases (petroleum), C <sub>2-4</sub> , sweetened; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-099-00-8	272-205-5	68783-65-3	K
Gases (petroleum), crude oil fractionation off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-100-00-1	272-871-7	68918-99-0	K
Gases (petroleum), dehexanizer off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-101-00-7	272-872-2	68919-00-6	K
Gases (petroleum), light straight run gasoline fractionation stabilizer (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-102-00-2	272-878-5	68919-05-1	K
Gases (petroleum), naphtha unifier desulfurization stripper off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-103-00-8	272-879-0	68919-06-2	K
Gases (petroleum), straight-run naphtha catalytic reforming off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-104-00-3	272-882-7	68919-09-5	K
Gases (petroleum), fluidized catalytic cracker splitter overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-105-00-9	272-893-7	68919-20-0	K
Gases (petroleum), straight-run stabilizer off; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-106-00-4	272-883-2	68919-10-8	K

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Gases (petroleum), catalytic cracked naphtha debutanizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-107-00-X	273-169-3	68952-76-1	K
Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-108-00-5	273-170-9	68952-77-2	K
Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-109-00-0	273-175-6	68952-81-8	K
Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-110-00-6	273-176-1	68952-82-9	K
Gases (petroleum, light steam-cracked, butadiene conc.; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-111-00-1	273-265-5	68955-28-2	K
Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-112-00-7	273-270-2	68955-34-0	K
Hydrocarbons, C <sub>4</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-113-00-2	289-339-5	87741-01-3	K
Alkanes, C <sub>1-4</sub> , C <sub>3</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-114-00-8	292-456-4	90622-55-2	K
Gases (petroleum), steam-cracker C <sub>3</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-115-00-3	295-404-9	92045-22-2	K

Hydrocarbons, C <sub>4</sub> , steam-cracker distillate; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-116-00-9	295-405-4	92045-23-3	K
Petroleum gases, liquefied, sweetened, C <sub>4</sub> fraction; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-117-00-4	295-463-0	92045-80-2	K
Hydrocarbons, C <sub>4</sub> , 1,3-butadiene-and isobutene-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-118-00-X	306-004-1	95465-89-7	K
Raffinates (petroleum), steam-cracked C <sub>4</sub> fraction cuprous ammonium acetate extn., C <sub>3-5</sub> and C <sub>3-5</sub> unsatd., butadiene-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-199-00-5	307-769-4	97722-19-5	K
Gases (petroleum), amine system feed; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-120-00-0	270-746-1	68477-65-6	K
Gases (petroleum), benzene unit hydrodesulphurizer off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-121-00-6	270-747-7	68477-66-7	K
Gases (petroleum), benzene unit recycle, hydrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-122-00-1	270-748-2	68477-67-8	K
Gases (petroleum), blend oil, hydrogen-nitrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-123-00-7	270-749-8	68477-68-9	K
Gases (petroleum), catalytic reformed naphtha stripper overheads; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-124-00-2	270-759-2	68477-77-0	K

Gases (petroleum), C <sub>6-8</sub> catalytic reformer recycle; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-125-00-8	270-761-3	68477-80-5	K
Gases (petroleum), C <sub>6-8</sub> catalytic reformer; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-126-00-3	270-762-9	68477-81-6	K
Gases (petroleum), C <sub>6-8</sub> catalytic reformer recycle, hydrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-127-00-9	270-763-4	68477-82-7	K
Gases (petroleum), C <sub>2</sub> -return stream; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-128-00-4	270-766-0	68477-84-9	K
Gases (petroleum), dry sour, gas-concn.-unit-off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-129-00-X	270-774-4	68477-92-9	K
Gases (petroleum), gas concn. reabsorber distn.; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-130-00-5	270-776-5	68477-93-0	K
Gases (petroleum), hydrogen absorber off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-131-00-0	270-779-1	68477-96-3	K
Gases (petroleum), hydrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-132-00-6	270-780-7	68477-97-4	K
Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-133-00-1	270-781-2	68477-98-5	K
Gases (petroleum), recycle, hydrogen-rich;	649-	270-	68478-	K

Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	134-00-7	783-3	00-2	
Gases (petroleum), reformer make-up, hydrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-135-00-2	270-784-9	68478-01-3	K
Gases (petroleum), reforming hydrotreater; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-136-00-8	270-785-4	68478-02-4	K
Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-137-00-3	270-787-5	68478-03-5	K
Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-138-00-9	270-788-0	68478-04-6	K
Gases (petroleum), thermal cracking distn.; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-139-00-4	270-789-6	68478-05-7	K
Tail gas (petroleum), catalytic cracker refractionation absorber; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-140-00-X	270-805-1	68478-25-1	K
Tail gas (petroleum), catalytic reformed naphtha separator; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-141-00-5	270-807-2	68478-27-3	K
Tail gas (petroleum), catalytic reformed naphtha stabilizer; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-142-00-0	270-808-8	68478-28-4	K
Tail gas (petroleum), cracked distillate hydrotreater separator; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-143-00-6	270-809-3	68478-29-5	K

Tail gas (petroleum), hydrodesulphurized straight-run naphtha separator; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-144-00-1	270-810-9	68478-30-8	K
Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-145-00-7	270-999-8	68513-14-4	K
Gases (petroleum), reformer effluent high-pressure flash drum off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-146-00-2	271-003-4	68513-18-8	K
Gases (petroleum), reformer effluent low-pressure flash drum off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-147-00-8	271-005-5	68513-19-9	K
Gases (petroleum), oil refinery gas distn. off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-148-00-3	271-258-1	68527-15-1	K
Gases (petroleum), benzene unit hydrotreater depentanizer overheads; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-149-00-9	271-623-5	68602-82-4	K
Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-150-00-4	271-625-6	68602-84-6	K
Petroleum products, refinery gases; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-151-00-X	271-750-6	68607-11-4	K
Gases (petroleum), hydrocracking low-pressure separator; Refinery (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-152-00-5	272-182-1	68783-06-2	K

Gases (petroleum), refinery; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-153-00-0	272-338-9	68814-67-5	K
Gases (petroleum), platformer products separator off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-154-00-6	272-343-6	68814-90-4	K
Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-155-00-1	272-775-5	68911-58-0	K
Gases (petroleum), hydrotreated sour kerosine flash drum; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-156-00-7	272-776-0	68911-59-1	K
Gases (petroleum), distillate unifier desulphurization stripper off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-157-00-2	272-873-8	68919-01-7	K
Gases (petroleum), fluidized catalytic cracker fractionation off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-158-00-8	272-874-3	68919-02-8	K
Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-159-00-3	272-875-9	68919-03-9	K
Gases (petroleum), heavy distillate hydrotreater desulphurization stripper off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-160-00-9	272-876-4	68919-04-0	K
Gases (petroleum), platformer stabilizer off, light ends fractionation; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-161-00-4	272-880-6	68919-07-3	K
Gases (petroleum), preflash tower off, crude distn.; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-162-00-X	272-881-1	68919-08-4	K

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Gases (petroleum), tar stripper off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-163-00-5	272-884-8	68919-11-9	K
Gases (petroleum), unifiner stripper off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-164-00-0	272-885-3	68919-12-0	K
Tail gas (petroleum), catalytic hydrodesulphurized naphtha separator; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-165-00-6	273-173-5	68952-79-4	K
Tail gas (petroleum), straight-run naphtha hydrodesulphurizer; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-166-00-1	273-174-0	68952-80-7	K
Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulphurizer overhead fractionation; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-167-00-7	273-269-7	68955-33-9	K
Gases (petroleum), crude distn. and catalytic cracking; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-168-00-2	273-563-5	68989-88-8	K
Gases (petroleum), gas oil diethanolamine scrubber off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-169-00-8	295-397-2	92045-15-3	K
Gases (petroleum), gas oil hydrodesulphurization effluent; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-170-00-3	295-398-8	92045-16-4	K
Gases (petroleum), gas oil hydrodesulphurization purge; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC	649-171-00-9	295-399-3	92045-17-5	K

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Gases (petroleum), hydrogenator effluent flash drum off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-172-00-4	295-400-7	92045-18-6	K
Gases (petroleum), naphtha steam cracking high-pressure residual; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-173-00-X	295-401-2	92045-19-7	K
Gases (petroleum), residue visbaking off; Refinery gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-174-00-5	295-402-8	92045-20-0	K
Foots oil (petroleum), acid-treated; Foots oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-175-00-0	300-225-7	93924-31-3	L
Foots oil (petroleum), clay-treated; Foots oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-176-00-6	300-226-2	93924-32-4	L
Gases (petroleum), C <sub>3-4</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-177-00-1	268-629-5	68131-75-9	K
Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-178-00-7	269-617-2	68307-98-2	K
Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-179-00-2	269-618-8	68307-99-3	K
Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulphide-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-180-00-8	269-619-3	68308-00-9	K
Tail gas (petroleum), cracked distillate	649-	269-	68308-	K

hydrotreater stripper; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	181-00-3	620-9	01-0	
Tail gas (petroleum), straight-run distillate hydrodesulphurizer, hydrogen sulphide-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-182-00-9	269-630-3	68308-10-1	K
Tail gas (petroleum), gas oil catalytic cracking absorber; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-183-00-4	269-623-5	68308-03-2	K
Tail gas (petroleum), gas recovery plant; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-184-00-X	269-624-0	68308-04-3	K
Tail gas (petroleum), gas recovery plant deethanizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-185-00-5	269-625-6	68308-05-4	K
Tail gas (petroleum), hydrodesulphurized distillate and hydrodesulphurized naphtha fractionator, acid-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-186-00-0	269-626-1	68308-06-5	K
Tail gas (petroleum), hydrodesulphurized vacuum gas oil stripper, hydrogen sulphide-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-187-00-6	269-627-7	68308-07-6	K
Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulphide-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-188-00-1	269-629-8	68308-09-8	K
Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-189-00-7	269-631-9	68308-11-2	K

Tail gas (petroleum), vacuum gas oil hydrodesulphurizer, hydrogen sulphide-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-190-00-2	269-632-4	68308-12-3	K
Gases (petroleum), catalytic cracked overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-191-00-8	270-071-2	68409-99-4	K
Alkanes, C <sub>1-2</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-193-00-9	270-651-5	68475-57-0	K
Alkanes, C <sub>2-3</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-194-00-4	270-652-0	68475-58-1	K
Alkanes, C <sub>3-4</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-195-00-X	270-653-6	68475-59-2	K
Alkanes, C <sub>4-5</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-196-00-5	270-654-1	68475-60-5	K
Fuel gases; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-197-00-0	270-667-2	68476-26-6	K
Fuel gases, crude oil of distillates; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-198-00-6	270-670-9	68476-29-9	K
Hydrocarbons, C <sub>3-4</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-199-00-1	270-681-9	68476-40-4	K
Hydrocarbons, C <sub>4-5</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-200-00-5	270-682-4	68476-42-6	K
Hydrocarbons, C <sub>2-4</sub> , C <sub>3</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC	649-201-00-	270-689-2	68476-49-3	K

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Petroleum gases, liquefied; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-202-00-6	270-704-2	68476-85-7	K
Petroleum gases, liquefied, sweetened; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-203-00-1	270-705-8	68476-86-8	K
Gases (petroleum), C <sub>3-4</sub> , isobutane-rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-204-00-7	270-724-1	68477-33-8	K
Distillates (petroleum), C <sub>3-6</sub> , piperylene-rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-205-00-2	270-726-2	68477-35-0	K
Gases (petroleum), butane splitter overheads; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-206-00-8	270-750-3	68477-69-0	K
Gases (petroleum), C <sub>2-3</sub> ; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-207-00-3	270-751-9	68477-70-3	K
Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C <sub>4</sub> -rich acid-free; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-208-00-9	270-752-4	68477-71-4	K
Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C <sub>3-5</sub> -rich; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-209-00-4	270-754-5	68477-72-5	K
Tail gas (petroleum), isomerized naphtha fractionation stabilizer; Petroleum gas (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-210-00-X	269-628-2	68308-08-7	K

Foots oil (petroleum), carbon-treated; Foot's oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-211-00-5	308-126-0	97862-76-5	L
Distillates (petroleum), sweetened middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-212-00-0	265-088-7	64741-86-2	N
Gas oils (petroleum), solvent-refined; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-213-00-6	265-092-9	64741-90-8	N
Distillates (petroleum), solvent-refined middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-214-00-1	265-093-4	64741-91-9	N
Gas oils (petroleum), acid-treated; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-215-00-7	265-112-6	64742-12-7	N
Distillates (petroleum), acid-treated middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-216-00-2	265-113-1	64742-13-8	N
Distillates (petroleum), acid-treated light; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-217-00-8	265-114-7	64742-14-9	N
Gas oils (petroleum), chemically neutralized; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-218-00-3	265-129-9	64742-29-6	N
Distillates (petroleum), chemically neutralized middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-219-00-9	265-130-4	64742-30-9	N
Distillates (petroleum), clay-treated middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-220-00-4	265-139-3	64742-38-7	N

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Distillates (petroleum), hydrotreated middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 221-00- X	265- 148-2	64742- 46-7	N
Gas oils (petroleum), hydrodesulphurized; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 222-00- 5	265- 182-8	64742- 79-6	N
Distillates (petroleum), hydrodesulphurized middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 223-00- 0	265- 183-3	64742- 80-9	N
Distillates (petroleum), catalytic reformer fractionator residue, high-boiling; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 228-00- 8	270- 719-4	68477- 29-2	N
Distillates (petroleum), catalytic reformer fractionator residue intermediate-boiling; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 229-00- 3	270- 721-5	68477- 30-5	N
Distillates (petroleum), catalytic reformer fractionator residue, low-boiling; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 230-00- 9	270- 722-0	68477- 31-6	N
Distillates (petroleum), highly refined middle; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 231-00- 4	292- 615-8	90640- 93-0	N
Distillates (petroleum) catalytic reformer, heavy arom. conc.; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 232-00- X	295- 294-2	91995- 34-5	N
Gas oils, paraffinic; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649- 233-00- 5	300- 227-8	93924- 33-5	N

Naphtha (petroleum), solvent-refined hydrodesulphurized heavy; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-234-00-0	307-035-3	97488-96-5	N
Hydrocarbons, C <sub>16-20</sub> , hydrotreated middle distillate, distn. lights; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-235-00-6	307-659-6	97675-85-9	N
Hydrocarbons, C <sub>12-20</sub> , hydrotreated paraffinic, distn. lights; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-236-00-1	307-660-1	97675-86-0	N
Hydrocarbons, C <sub>11-17</sub> , solvent-extd. light naphthenic; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-237-00-7	307-757-9	97722-08-2	N
Gas oils, hydrotreated; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-238-00-2	308-128-1	97862-78-7	N
Distillates (petroleum), carbon-treated light paraffinic; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-239-00-8	309-667-5	100683-97-4	N
Distillates (petroleum), intermediate paraffinic, carbon-treated; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-240-00-3	309-668-0	100683-98-5	N
Distillates (petroleum), intermediate paraffinic, clay-treated; Gas oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-241-00-9	309-669-6	100683-99-6	N
Alkanes, C <sub>12-26</sub> -branched and linear; (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-242-00-4	292-454-3	90622-53-0	N

Lubricating greases; Grease (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-243-00-X	278-011-7	74869-21-9	N
Slack wax (petroleum); Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-244-00-5	265-165-5	64742-61-6	N
Slack wax (petroleum), acid-treated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-245-00-0	292-659-8	90669-77-5	N
Slack wax (petroleum), clay-treated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-246-00-6	292-660-3	90669-78-6	N
Slack wax (petroleum), hydrotreated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-247-00-1	295-523-6	92062-09-4	N
Slack wax (petroleum), low-melting; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-248-00-7	295-524-1	92062-10-7	N
Slack wax (petroleum), low-melting, hydrotreated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-249-00-2	295-525-7	92062-11-8	N
Slack wax (petroleum), low-melting, carbon-treated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-250-00-8	308-155-9	97863-04-2	N
Slack wax (petroleum), low-melting, clay-treated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-251-00-3	308-156-4	97863-05-3	N
Slack wax (petroleum), low-melting, silicic acid-treated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-252-00-9	308-158-5	97863-06-4	N

Slack wax (petroleum), carbon-treated; Slack wax (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-253-00-4	309-723-9	100684-49-9	N
Petrolatum; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-254-00-X	232-373-2	8009-03-8	N
Petrolatum (petroleum), oxidized; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-255-00-5	265-206-7	64743-01-7	N
Petrolatum (petroleum), alumina-treated; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-256-00-0	285-098-5	85029-74-9	N
Petrolatum (petroleum), hydrotreated; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-257-00-6	295-459-9	92045-77-7	N
Petrolatum (petroleum), carbon-treated; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-258-00-1	308-149-6	97862-97-0	N
Petrolatum (petroleum), silicic acid-treated; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-259-00-7	308-150-1	97862-98-1	N
Petrolatum (petroleum), clay-treated; Petrolatum (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-260-00-2	309-706-6	100684-33-1	N
Gasoline, natural; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-261-00-8	232-349-1	8006-61-9	P
Naphtha; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-262-00-3	232-443-2	8030-30-6	P

Ligroine; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-263-00-9	232-453-7	8032-32-4	P
Naphtha (petroleum), heavy straight-run; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-264-00-4	265-041-0	64741-41-9	P
Naphtha (petroleum), full-range straight-run; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-265-00-X	265-042-6	64741-42-0	P
Naphtha (petroleum), light straight-run; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-266-00-5	265-046-8	64741-46-4	P
Solvent naphtha (petroleum), light aliph.; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-267-00-0	265-192-2	64742-89-8	P
Distillates (petroleum), straight-run light; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-268-00-6	270-077-5	68410-05-9	P
Gasoline, vapour-recovery; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-269-00-1	271-025-4	68514-15-8	P
Gasoline, straight-run, topping-plant; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-270-00-7	271-727-0	68606-11-1	P
Naphtha (petroleum), unsweetened; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-271-00-2	272-186-3	68783-12-0	P
Distillates (petroleum), light straight-run gasoline fractionation (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-272-00-8	272-931-2	68921-08-4	P

Naphtha (petroleum), heavy straight run, arom.-contg.; Low boiling point naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-273-00-3	309-945-6	101631-70-3	P
Naphtha (petroleum), full-range alkylate; Low boiling point modified Naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-274-00-9	265-066-7	64741-64-6	P
Naphtha (petroleum), heavy alkylate; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-275-00-4	265-067-2	64741-65-7	P
Naphtha (petroleum), light alkylate; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-276-00-X	265-068-8	64741-66-8	P
Naphtha (petroleum), isomerization; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-277-00-5	265-073-5	64741-70-4	P
Naphtha (petroleum), solvent-refined light; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-278-00-0	265-086-6	64741-84-0	P
Naphtha (petroleum), solvent-refined heavy; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-279-00-6	265-095-5	64741-92-0	P
Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exts.; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-280-00-1	270-088-5	68410-71-9	P
Raffinates (petroleum), reformer, Lurgi unit-sepd.; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-281-00-7	270-349-3	68425-35-4	P
Naphtha (petroleum), full-range alkylate,	649-	271-	68527-	P

butane-contg.; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	282-00-2	267-0	27-5	
Distillates (petroleum), naphtha steam cracking-derived, solvent-refined light hydrotreated; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-283-00-8	295-315-5	91995-53-8	P
Naphtha (petroleum), C <sub>4-12</sub> butane-alkylate, isooctane-rich; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-284-00-3	295-430-0	92045-49-3	P
Hydrocarbons, hydrotreated light naphtha distillates, solvent-refined; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-285-00-9	295-436-3	92045-55-1	P
Naphtha (petroleum), isomerization, C <sub>6</sub> -fraction; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-286-00-4	295-440-5	92045-58-4	P
Hydrocarbons, C <sub>6-7</sub> , naphtha-cracking, solvent-refined; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-287-00-X	295-446-8	92045-64-2	P
Hydrocarbons, C <sub>6</sub> -rich, hydrotreated light naphtha distillates, solvent-refined; Low boiling point modified naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-288-00-5	309-871-4	101316-67-0	P
Naphtha (petroleum), heavy catalytic cracked; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-289-00-0	265-055-7	64741-54-4	P
Naphtha (petroleum), light catalytic cracked; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-290-00-6	265-056-2	64741-55-5	P

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Hydrocarbons, C <sub>3-11</sub> , catalytic cracker distillates; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-291-00-1	270-686-6	68476-46-0	P
Naphtha (petroleum), catalytic cracked light distd.; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-292-00-7	272-185-8	68783-09-5	P
Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light arom.; Low boiling point cat-cracked naphtha. (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-293-00-2	295-311-3	91995-50-5	P
Naphtha (petroleum), heavy catalytic cracked, sweetened; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-294-00-8	295-431-6	92045-50-6	P
Naphtha (petroleum), light catalytic cracked sweetened; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-295-00-3	295-441-0	92045-59-5	P
Hydrocarbons, C <sub>8-12</sub> , catalytic-cracking, chem. neutralized; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-296-00-9	295-794-0	92128-94-4	P
Hydrocarbons, C <sub>8-12</sub> , catalytic cracker distillates; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-297-00-4	309-974-4	101794-97-2	P
Hydrocarbons, C <sub>8-12</sub> , catalytic cracking, chem. neutralized, sweetened; Low boiling point cat-cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European	649-298-00-X	309-987-5	101896-28-0	P

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Naphtha (petroleum), light catalytic reformed; Low boiling point cat- reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-299-00-5	265-065-1	64741-63-5	P
Naphtha (petroleum), heavy catalytic reformed; Low boiling point cat- reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-300-00-9	265-070-9	64741-68-0	P
Distillates (petroleum), catalytic reformed depentanizer; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-301-00-4	270-660-4	68475-79-6	P
Hydrocarbons, C <sub>2-6</sub> , C <sub>6-8</sub> catalytic reformer; Low boiling point cat- reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-302-00-X	270-687-1	68476-47-1	P
Residues (petroleum), C <sub>6-8</sub> catalytic reformer; Low boiling point cat- reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-303-00-5	270-794-3	68478-15-9	P
Naphtha (petroleum), light catalytic reformed, arom.-free; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-304-00-0	270-993-5	68513-03-1	P
Distillates (petroleum), catalytic reformed straight-run naphtha overheads; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-305-00-6	271-008-1	68513-63-3	P
Petroleum products, hydrofiner-powerformer reformates; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-306-00-1	271-058-4	68514-79-4	P
Naphtha (petroleum, full-range reformed; Low boiling point cat-reformed naphtha (as detailed	649-307-00-	272-895-8	68919-37-9	P

in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	7			
Naphtha (petroleum), catalytic reformed; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-308-00-2	273-271-8	68955-35-1	P
Distillates (petroleum), catalytic reformed hydrotreated light, C <sub>8-12</sub> arom. fraction; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-309-00-8	285-509-8	85116-58-1	P
Aromatic hydrocarbons, C <sub>8</sub> , catalytic reforming-derived; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-310-00-3	295-279-0	91995-18-5	P
Aromatic hydrocarbons, C <sub>7-12</sub> , C <sub>8</sub> -rich; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-311-00-9	297-401-8	93571-75-6	P
Gasoline, C <sub>5-11</sub> , high-octane stabilized reformed; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-312-00-4	297-458-9	93572-29-3	P
Hydrocarbons, C <sub>7-12</sub> , C <sub>9</sub> -arom.-rich, reforming heavy fraction; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-313-00-X	297-465-7	93572-35-1	P
Hydrocarbons, C <sub>5-11</sub> , nonaroms.-rich, reforming light fraction; Low boiling point cat-reformed naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-314-00-5	297-466-2	93572-36-2	P
Foots oil (petroleum), silicic acid-treated; Foots oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-315-00-0	308-127-6	97862-77-6	L

Naphtha (petroleum), light thermal cracked; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-316-00-6	265-075-6	64741-74-8	P
Naphtha (petroleum), heavy thermal cracked; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-317-00-1	265-085-0	64741-83-9	P
Distillates (petroleum), heavy arom.; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-318-00-7	267-563-4	67891-79-6	P
Distillates (petroleum), light arom.; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-319-00-2	267-565-5	67891-80-9	P
Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline- blending; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-320-00-8	270-344-6	68425-29-6	P
Aromatic hydrocarbons, C <sub>6-8</sub> , naphtha-raffinate pyrolyzate-derived; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-321-00-3	270-658-3	68475-70-7	P
Distillates (petroleum), thermal cracked naphtha and gas oil; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-322-00-9	271-631-9	68603-00-9	P
Distillates (petroleum), thermal cracked naphtha and gas oil, C <sub>5</sub> -dimer- contg.; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-323-00-4	271-632-4	68603-01-0	P
Distillates (petroleum), thermal cracked naphtha and gas oil, extractive; Low boiling point	649-324-00-	271-634-5	68603-03-2	P

thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)		X			
Distillates (petroleum), light thermal cracked, debutanized arom.; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-325-00-5	273-266-0	68955-29-3		P
Naphtha (petroleum), light thermal cracked, sweetened; Low boiling point thermally cracked naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-326-00-0	295-447-3	92045-65-3		P
Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-327-00-6	265-150-3	64742-48-9		P
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-328-00-1	265-151-9	64742-49-0		P
Naphtha (petroleum), hydrodesulphurized light; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-329-00-7	265-178-6	64742-73-0		P
Naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-330-00-2	265-185-4	64742-82-1		P
Distillates (petroleum), hydrotreated middle, intermediate boiling; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-331-00-8	270-092-7	68410-96-8		P
Distillates (petroleum), light distillate hydrotreating process, low-boiling; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-332-00-3	270-093-2	68410-97-9		P

Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-333-00-9	270-094-8	68410-98-0	P
Solvent naphtha (petroleum), light arom., hydrotreated; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-334-00-4	270-988-8	68512-78-7	P
Naphtha (petroleum), hydrodesulphurized thermal cracked light; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-335-00-X	285-511-9	85116-60-5	P
Naphtha (petroleum), hydrotreated light, cycloalkane-contg.; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-336-00-5	285-512-4	85116-61-6	P
Naphtha (petroleum), heavy steam-cracked, hydrogenated; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-337-00-0	295-432-1	92045-51-7	P
Naphtha (petroleum), hydrodesulphurized full-range; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-338-00-6	295-433-7	92045-52-8	P
Naphtha (petroleum), hydrotreated light steam-cracked; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-339-00-1	295-438-4	92045-57-3	P
Hydrocarbons, C <sub>4-12</sub> , naphtha-cracking, hydrotreated; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-340-00-7	295-443-1	92045-61-9	P
Solvent naphtha (petroleum), hydrotreated light	649-	295-	92062-	P

naphthenic; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	341-00-2	529-9	15-2	
Naphtha (petroleum), light steam-cracked, hydrogenated; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-342-00-8	296-942-7	93165-55-0	P
Hydrocarbons, C <sub>6-11</sub> , hydrotreated, dearomatized; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-343-00-3	297-852-0	93763-33-8	P
Hydrocarbons, C <sub>9-12</sub> , hydrotreated, dearomatized; Low boiling point hydrogen treated naphtha (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-344-00-9	297-853-6	93763-34-9	P
Stoddard solvent; Low boiling point naphtha - unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-345-00-4	232-489-3	8052-41-3	P
Natural gas condensates (petroleum); Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-346-00-X	265-047-3	64741-47-5	P
Natural gas (petroleum), raw liq. mix; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-347-00-5	265-048-9	64741-48-6	P
Naphtha (petroleum), light hydrocracked; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-348-00-0	265-071-4	64741-69-1	P
Naphtha (petroleum) heavy hydrocracked; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-349-00-6	265-079-8	64741-78-2	P

Naphtha (petroleum), sweetened; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-350-00-1	265-089-2	64741-87-3	P
Naphtha (petroleum), acid-treated; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-351-00-7	265-115-2	64742-15-0	P
Naphtha (petroleum), chemically neutralized heavy; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-352-00-2	265-122-0	64742-22-9	P
Naphtha (petroleum), chemically neutralized light; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-353-00-8	265-123-6	64742-23-0	P
Naphtha (petroleum), catalytic dewaxed; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-354-00-3	265-170-2	64742-66-1	P
Naphtha (petroleum), light steam-cracked; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-355-00-9	265-187-5	64742-83-2	P
Solvent naphtha (petroleum), light atom.; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-356-00-4	265-199-0	64742-95-6	P
Aromatic hydrocarbons, C <sub>6-10</sub> , acid-treated, neutralized; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-357-00-X	268-618-5	68131-49-7	P
Distillates (petroleum), C <sub>3-5</sub> , 2-methyl-2-butene-rich; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-358-00-5	270-725-7	68477-34-9	P

Distillates (petroleum), polymd. steam-cracked petroleum distillates, C <sub>5-12</sub> fraction; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-359-00-0	270-735-1	68477-50-9	P
Distillates (petroleum), steam-cracked, C <sub>5-12</sub> fraction; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-360-00-6	270-736-7	68477-53-2	P
Distillates (petroleum), steam-cracked, C <sub>5-10</sub> fraction, mixed with light steam-cracked petroleum naphtha C <sub>5</sub> fraction; Low boiling point naphtha - - unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-361-00-1	270-738-8	68477-55-4	P
Extracts (petroleum), cold-acid, C <sub>4-6</sub> ; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-362-00-7	270-741-4	68477-61-2	P
Distillates (petroleum), depentanizer overheads; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-363-00-2	270-771-8	68477-894-4	P
Residues (petroleum), butane splitter bottoms; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-364-00-8	270-791-7	68478-12-6	P
Residual oils (petroleum), deisobutanizer tower; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-365-00-3	270-795-9	68478-16-0	P
Naphtha (petroleum), full-range coker; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-366-00-9	270-991-4	68513-02-0	P
Naphtha (petroleum), steam-cracked middle arom.; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-367-00-4	271-138-9	68516-20-1	P

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Naphtha (petroleum), clay-treated full-range straight-run; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-368-00-X	271-262-3	68527-21-9	P
Naphtha (petroleum), clay-treated light straight-run; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-369-00-5	271-263-9	68527-22-0	P
Naphtha (petroleum), light steam-cracked arom.; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-370-00-0	271-264-4	68527-23-1	P
Naphtha (petroleum), light steam-cracked, debenzenized; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-371-00-6	271-266-5	68527-26-4	P
Naphtha (petroleum), arom.-contg.; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-372-00-1	271-635-0	68603-08-7	P
Gasoline, pyrolysis, debutanizer bottoms; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-373-00-7	771-726-5	68606-10-0	P
Naphtha (petroleum), light, sweetened; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-374-00-2	272-206-0	68783-66-4	P
Natural gas condensates; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-375-00-8	272-896-3	68919-39-1	J
Distillates (petroleum), naphtha unifiner stripper; Low boiling point naphtha —	649-376-00-	272-932-8	68921-09-5	P

unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	3			
Naphtha (petroleum), catalytic reformed light, arom.-free fraction; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-377-00-9	285-510-3	85116-59-2	P
Gasoline; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-378-00-4	289-220-8	86290-81-5	P
Aromatic hydrocarbons, C <sub>7-8</sub> , dealkylation products, distn. residues; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-379-00-X	292-698-0	90989-42-7	P
Hydrocarbons, C <sub>4-6</sub> , depentanizer lights, arom. hydrotreater; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-380-00-5	295-298-4	91995-38-9	P
Distillates (petroleum), heat-soaked steam-cracked naphtha, C+5+-rich; Low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-381-00-0	295-302-4	91995-41-4	P
Extracts (petroleum), catalytic reformed light naphtha solvent; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-382-00-6	295-331-2	91995-68-5	P
Naphtha (petroleum), hydrodesulphurized light, dearomatized; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-383-00-1	295-434-2	92045-53-9	P
Naphtha (petroleum), light, C <sub>5</sub> -rich, sweetened; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-384-00-7	295-442-6	92045-60-8	P

Hydrocarbons, C <sub>8-11</sub> , naphtha-cracking, toluene cut; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-385-00-2	295-444-7	92045-62-0	P
Hydrocarbons, C <sub>4-11</sub> , naphtha-cracking; arom.-free; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-386-00-8	295-445-2	92045-63-1	P
Naphtha (petroleum), light heat-soaked, steam-cracked; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-387-00-3	296-028-8	92201-97-3	P
Distillates (petroleum), C+6+-rich; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-388-00-9	296-903-4	93165-19-6	P
Gasoline, pyrolysis, hydrogenated; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-389-00-4	302-639-3	94114-03-1	P
Distillates (petroleum), steam-cracked, C <sub>8-12</sub> fraction, polymd., distn. lights; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-390-00-X	305-750-5	95009-23-7	P
Extracts (petroleum); heavy naphtha solvent, clay-treated; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-391-00-5	308-261-5	97926-43-7	P
Naphtha (petroleum), light steam-cracked, debenzenized, thermally treated; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-392-00-0	308-713-1	98219-46-6	P
Naphtha (petroleum), light steam-cracked,	649-	308-	98219-	P

thermally treated; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	393-00-6	714-7	47-7	
Distillates (petroleum), C <sub>7-9</sub> , C <sub>8</sub> -rich, hydrodesulphurized dearomatized; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-394-00-1	309-862-5	101316-56-7	P
Hydrocarbons, C <sub>6-8</sub> , hydrogenated sorption-dearomatized, toluene raffination; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-395-00-7	309-870-9	101316-66-9	P
Naphtha (petroleum), hydrodesulphurized full-range coker; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-396-00-2	309-879-8	101316-76-1	P
Naphtha (petroleum), sweetened light; low boiling point naphtha - unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-397-00-8	309-976-5	101795-01-1	P
Hydrocarbons, C <sub>3-6</sub> , C <sub>5</sub> -rich, steam-cracked naphtha; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-398-00-3	310-012-0	102110-14-5	P
Hydrocarbons, C <sub>5</sub> -rich, dicyclopentadiene-contg.; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-399-00-9	310-013-6	102110-15-6	P
Residues (petroleum); steam-cracked light, arom.; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-400-00-2	310-057-6	102110-55-4	P
Hydrocarbons, C <sub>5</sub> , C <sub>5-6</sub> -rich; low boiling point naphtha — unspecified (as detailed in the	649-401-00-	270-690-8	68476-50-6	P

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Hydrocarbons, C <sub>5-6</sub> -rich; low boiling point naphtha — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-402-00-3	270-695-5	68476-55-1	P
Aromatic hydrocarbons, C <sub>8-10</sub> ; Light oil redistillate, high boiling (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-403-00-9	292-695-4	90989-39-2	P
Distillates (petroleum), light catalytic cracked; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-435-00-3	265-060-4	64741-59-9	
Distillates (petroleum), intermediate catalytic cracked; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-436-00-9	265-062-5	64741-60-2	
Distillates (petroleum), light thermal cracked; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-438-00-X	265-084-5	64741-82-8	
Distillates (petroleum), hydrodesulphurized light catalytic cracked; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-439-00-5	269-781-5	68333-25-5	
Distillates (petroleum), light steam-cracked naphtha; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-440-00-0	270-662-5	68475-80-9	
Distillates (petroleum), cracked steam-cracked petroleum distillates; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-441-00-6	270-727-8	68477-38-3	
Gas oils (petroleum), steam-cracked; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-442-00-1	271-260-2	68527-18-4	

Distillates (petroleum), hydrosulphurized thermal cracked middle; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-443-00-7	285-505-6	85116-53-6	
Gas oils (petroleum), thermal-cracked, hydrosulphurized; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-444-00-2	295-411-7	92045-29-9	
Residues (petroleum), hydrogenated steam-cracked naphtha; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-445-00-8	295-514-7	92062-00-5	
Residues (petroleum), steam-cracked naphtha distn.; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-446-00-3	295-517-3	92062-04-9	
Distillates (petroleum), light catalytic cracked, thermally degraded; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-447-00-9	295-991-1	92201-60-0	
Residues (petroleum), steam-cracked, heat-soaked naphtha; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-448-00-4	297-905-8	93763-85-0	
Gas oils (petroleum), light vacuum, thermal-cracked hydrosulphurized; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-450-00-5	308-278-8	97926-59-5	
Distillates (petroleum), hydrosulphurized middle coker; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-451-00-0	309-865-1	101316-59-0	
Distillates (petroleum), heavy steam-cracked; Cracked gas oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-452-00-6	309-939-3	101631-14-5	
Distillates (petroleum), heavy hydrocracked;	649-	265-	64741-	L

Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	453-00-1	077-7	76-0	
Distillates (petroleum), solvent-refined heavy paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-454-00-7	265-090-8	64741-88-4	L
Distillates (petroleum), solvent-refined light paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-455-00-2	265-091-3	64741-89-5	L
Residual oils (petroleum), solvent deasphalted; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-456-00-8	265-096-0	64741-95-3	L
Distillates (petroleum), solvent-refined heavy naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-457-00-3	265-097-6	64741-96-4	L
Distillates (petroleum), solvent-refined light naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-458-00-9	265-098-1	64741-97-5	L
Residual oils (petroleum), solvent-refined; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-459-00-4	265-101-6	64742-01-4	L
Distillates (petroleum), clay-treated paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-460-00-X	265-137-2	64742-36-5	L
Distillates (petroleum), clay-treated light paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-461-00-5	265-138-8	64742-37-6	L
Residual oils (petroleum), clay-treated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-462-00-0	265-143-5	64742-41-2	L

Distillates (petroleum), clay-treated heavy naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-463-00-6	265-146-1	64742-44-5	L
Distillates (petroleum), clay-treated light naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-464-00-1	265-147-7	64742-45-6	L
Distillates (petroleum), hydrotreated heavy naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-465-00-7	265-155-0	64742-52-5	L
Distillates (petroleum), hydrotreated light naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-466-00-2	265-156-6	64742-53-6	L
Distillates (petroleum), hydrotreated heavy paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-467-00-8	265-157-1	64742-54-7	L
Distillates (petroleum), hydrotreated light paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-468-00-3	265-158-7	64742-55-8	L
Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-469-00-9	265-159-2	64742-56-9	L
Residual oils (petroleum), hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-470-00-4	265-160-8	64742-57-0	L
Residual oils (petroleum), solvent-dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-471-00-X	265-166-0	64742-62-7	L
Distillates (petroleum), solvent-dewaxed heavy naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-472-00-	265-167-6	64742-63-8	L

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Distillates (petroleum), solvent-dewaxed light naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-473-00-0	265-168-1	64742-64-9	L
Distillates (petroleum), solvent-dewaxed heavy paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-474-00-6	265-169-7	64742-65-0	L
Naphthenic oils (petroleum), catalytic dewaxed heavy; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-475-00-1	265-172-3	64742-68-3	L
Naphthenic oils (petroleum), catalytic dewaxed light; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-476-00-7	265-173-9	64742-69-4	L
Paraffin oils (petroleum), catalytic dewaxed heavy; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-477-00-2	265-174-4	64742-70-7	L
Paraffin oils (petroleum), catalytic dewaxed light; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-478-00-8	265-176-5	64742-71-8	L
Naphthenic oils (petroleum), complex dewaxed heavy; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-479-00-3	265-179-1	64742-75-2	L
Naphthenic oils (petroleum), complex dewaxed light; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-480-00-9	265-180-7	64742-76-3	L
Lubricating oils (petroleum), C <sub>20-50</sub> , hydrotreated neutral oil-based high- viscosity; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-481-00-4	276-736-3	72623-85-9	L

Lubricating oils (petroleum), C <sub>15-30</sub> , hydrotreated neutral oil-based; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-482-00-X	276-737-9	72623-86-0	L
Lubricating oils (petroleum), C <sub>20-50</sub> , hydrotreated neutral oil-based; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-483-00-5	276-738-4	72623-87-1	L
Lubricating oils; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-484-00-0	278-012-2	74869-37-0	L
Distillates (petroleum), complex dewaxed heavy paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-485-00-6	292-613-7	90640-91-8	L
Distillates (petroleum), complex dewaxed light paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-486-00-1	292-614-2	90640-92-9	L
Distillates (petroleum), solvent-dewaxed heavy paraffinic, clay-treated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-487-00-7	292-616-3	90640-94-1	L
Hydrocarbons, C <sub>20-50</sub> , solvent-dewaxed heavy paraffinic, hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-488-00-2	292-617-9	90640-95-2	L
Distillates (petroleum), solvent dewaxed light paraffinic, clay-treated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-489-00-8	292-618-4	90640-96-3	L
Distillates (petroleum), solvent dewaxed light paraffinic, hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No.	649-490-00-3	292-620-5	90640-97-4	L

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Residual oils (petroleum), hydrotreated solvent dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-491-00-9	292-656-1	90669-74-2	L
Residual oils (petroleum), catalytic dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-492-00-4	294-843-3	91770-57-9	L
Distillates (petroleum), dewaxed heavy paraffinic, hydrotreated; Base oil - - unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-493-00-X	295-300-3	91995-39-0	L
Distillates (petroleum), dewaxed light paraffinic, hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-494-00-5	295-301-9	91995-40-3	L
Distillates (petroleum), hydrocracked solvent-refined, dewaxed; Base oil — - unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-495-00-0	295-306-6	91995-45-8	L
Distillates (petroleum), solvent-refined light naphthenic, hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-496-00-6	295-316-0	91995-54-9	L
Lubricating oils (petroleum) C <sub>17-35</sub> , solvent-extd., dewaxed, hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-497-00-1	295-423-2	92045-42-6	L
Lubricating oils (petroleum), hydrocracked nonarom. solvent- deparaffined; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-498-00-7	295-424-8	92045-43-7	L

Residual oils (petroleum), hydrocracked acid-treated solvent-dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-499-00-2	295-499-7	92061-86-4	L
Paraffin oils (petroleum), solvent-refined dewaxed heavy; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-500-00-6	295-810-6	92129-09-4	L
Lubricating oils (petroleum), base oils, paraffinic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-501-00-1	297-474-6	93572-43-1	L
Hydrocarbons, hydrocracked paraffinic distn. residues, solvent-de-waxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-502-00-7	297-857-8	93763-38-3	L
Hydrocarbons, C <sub>20-50</sub> , residual oil hydrogenation vacuum distillate; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-503-00-2	300-257-1	93924-61-9	L
Distillates (petroleum), solvent-refined hydrotreated heavy; hydro- genated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-504-00-8	305-588-5	94733-08-1	L
Distillates (petroleum), solvent-refined hydrocracked light; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-505-00-3	305-589-0	94733-09-2	L
Lubricating oils (petroleum), C <sub>18-40</sub> , solvent-dewaxed hydrocracked distillate-based; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-506-00-9	305-594-8	94733-15-0	L
Lubricating oils (petroleum), C <sub>18-40</sub> , solvent-dewaxed hydrogenated raffinate-based; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European	649-507-00-4	305-595-3	94733-16-1	L

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Hydrocarbons, C <sub>13-30</sub> , arom.-rich, solvent-extd. naphthenic distillate; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-508-00-X	305-971-7	95371-04-3	L
Hydrocarbons, C <sub>16-32</sub> , arom.-rich, solvent-extd. naphthenic distillate; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-509-00-5	305-972-2	95371-05-4	L
Hydrocarbons, C <sub>37-68</sub> , dewaxed deasphalted hydrotreated vacuum distn. residues; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-510-00-0	305-974-3	95371-07-6	L
Hydrocarbons, C <sub>37-65</sub> , hydrotreated deasphalted vacuum distn. residues; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-511-00-6	305-975-9	95371-08-7	L
Distillates (petroleum), hydrocracked solvent-refined light; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-512-00-1	307-010-7	97488-73-8	L
Distillates (petroleum), solvent-refined hydrogenated heavy; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-513-00-7	307-011-2	97488-74-9	L
Lubricating oils (petroleum) C <sub>18-27</sub> , hydrocracked solvent-dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-514-00-2	307-034-8	97488-95-4	L
Hydrocarbons, C <sub>17-30</sub> , hydrotreated solvent-deasphalted atm. distn. residue, distn. lights; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-515-00-8	307-661-7	97675-87-1	L
Hydrocarbons, C <sub>17-40</sub> , hydrotreated solvent-	649-	307-	97722-	L

deasphalted distn. residue, vacuum distn. lights; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	516-00-3	755-8	06-0	
Hydrocarbons, C <sub>13-27</sub> , solvent-extd. light naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-517-00-9	307-758-4	97722-09-3	L
Hydrocarbons, C <sub>14-29</sub> , solvent-extd. light naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-518-00-4	307-760-5	97722-10-6	L
Hydrocarbons, C <sub>27-42</sub> , dearomatized; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-519-00-X	308-131-8	97862-81-2	L
Hydrocarbons, C <sub>17-30</sub> , hydrotreated distillates, distn. lights; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-520-00-5	308-132-3	97862-82-3	L
Hydrocarbons, C <sub>27-45</sub> , naphthenic vacuum distn.; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-521-00-0	308-133-9	97862-83-4	L
Hydrocarbons, C <sub>27-45</sub> , dearomatized; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-522-00-6	308-287-7	97926-68-6	L
Hydrocarbons, C <sub>20-58</sub> , hydrotreated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-523-00-1	308-289-8	97926-70-0	L
Hydrocarbons, C <sub>27-42</sub> , naphthenic; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-524-00-7	308-290-3	97926-71-1	L
Residual oils (petroleum), carbon-treated	649-	309-	100684-	L

solvent-dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	525-00-2	710-8	37-5	
Residual oils (petroleum), clay-treated solvent-dewaxed; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-526-00-8	309-711-3	100684-38-6	L
Lubricating oils (petroleum) C <sub>25+</sub> solvent-extd., deasphalted, dewaxed, hydrogenated; baseoil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-527-00-3	309-874-0	101316-69-2	L
Lubricating oils (petroleum) C <sub>17-32</sub> , solvent-extd., dewaxed, hydrogenated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-528-00-9	309-875-6	101316-70-5	L
Lubricating oils (petroleum) C <sub>20-35</sub> , solvent-extd., dewaxed, hydrogenated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-529-00-4	309-876-1	101316-71-6	L
Lubricating oils (petroleum) C <sub>24-50</sub> , solvent-extd., dewaxed, hydrogenated; Base oil — unspecified (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-530-00-X	309-877-7	101316-72-7	L
Extracts (petroleum), heavy naphthenic distillate solvent, arom. conc.; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-531-00-5	272-175-3	68783-00-6	L
Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-532-00-0	272-180-0	68783-04-0	L
Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted; Distillate aromatic extract (treated) (as detailed in the	649-533-00-6	272-342-0	68814-89-1	L

## Annex to Directive No. 97/56/EC of the European Parliament and of the Council)

Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-534-00-1	292-631-5	90641-07-9	L
Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-535-00-7	292-632-0	90641-08-0	L
Extracts (petroleum), light paraffinic distillate solvent, hydrotreated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-536-00-2	292-633-6	90641-09-1	L
Extracts (petroleum), hydrotreated paraffinic light distillate solvent; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-537-00-8	295-335-4	91995-73-2	L
Extracts (petroleum), light naphthenic distillate solvent, hydro- desulphurized; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-538-00-3	295-338-0	91995-75-4	L
Extracts (petroleum), light paraffinic distillate solvent, acid-treated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-539-00-9	295-339-6	91995-76-5	L
Extracts (petroleum), light paraffinic distillate solvent, hydro- desulphurized; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-540-00-4	295-340-1	91995-77-6	L
Extracts (petroleum), light vacuum gas oil solvent, hydrotreated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and	649-541-00-X	295-342-2	91995-79-8	L

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Extracts (petroleum), heavy paraffinic distillate solvent, clay-treated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-542-00-5	296-437-1	92704-08-0	L
Extracts (petroleum), heavy naphthenic distillate solvent, hydro- desulphurized; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-543-00-0	297-827-4	93763-10-1	L
Extracts (petroleum), solvent-dewaxed heavy paraffinic distillate solvent, hydrodesulphurized; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-544-00-6	297-829-5	93763-11-2	L
Extracts (petroleum), light paraffinic distillate solvent, carbon-treated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-545-00-1	309-672-2	100684-02-4	L
Extracts (petroleum), light paraffinic distillate solvent, clay-treated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-546-00-7	309-673-8	100684-03-5	L
Extracts (petroleum), light vacuum, gas oil solvent, carbon-treated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-547-00-2	309-674-3	100684-04-6	L
Extracts (petroleum), light vacuum, gas oil solvent, clay-treated; Distillate aromatic extract (treated) (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-548-00-8	309-675-9	100684-05-7	L
Foots oil (petroleum); Foots oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-549-00-3	265-171-8	64742-67-2	L

Foots oil (petroleum), hydrotreated; Foots oil (as detailed in the Annex to Directive No. 97/56/EC of the European Parliament and of the Council)	649-550-00-9	295-394-6	92045-12-0	L
Refractory ceramic fibres; Special Purpose Fibres, with the exception of those specified elsewhere in Annex I to Directive 67/548/EEC; [Man- made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O + K <sub>2</sub> O + CaO + MgO + BaO) content less or equal to 18% by weight]	650-017-00-8			R

### Point 30 (of Schedule 1) - Mutagens

#### List 3, category 1 mutagens

No substances classified in this category.

### Point 30 (of Schedule 1) - Mutagens

#### List 4, category 2 mutagens

Substances	Index Number	EC Number	CAS Number	Notes
hexamethylphosphoric triamide; hexamethylphosphoramidate	015-106-00-2	211-653-8	680-31-9	
diethyl sulphate	016-027-00-6	200-589-6	64-67-5	
Potassium dichromate	024-002-00-6	231-906-6	7778-50-9	
Ammonium dichromate	024-003-00-1	232-143-1	7789-09-5	
Sodium dichromate	024-004-00-7	234-190-3	10588-01-9	

Sodiumdichromate, dihydrate	024-004-01-4	234-190-3	7789-12-0
Chromyl dichloride; chromic oxychloride	024-005-00-2	239-056-8	14977-61-8
Potassium chromate	024-006-00-8	232-140-5	7789-00-6
benzo[a]pyrene; benzo[d,e,f]chrysene	601-032-00-3	200-028-5	50-32-8
1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8
ethylene oxide; oxirane	603-023-00-X	200-849-9	75-21-8
methyl acrylamidomethoxyacetate (containing $\geq 0,1$ % acrylamid)	607-190-00-X	401-890-7	77402-03-0
methyl acrylamidoglycolate (containing $\geq 0,1$ % acrylamide)	607-210-00-7	403-230-3	77402-05-2
ethyleneimine; aziridine	613-001-00-1	205-793-9	151-56-4
1,3,5,-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	615-021-00-6	219-514-3	2451-62-9
acrylamide	616-003-00-0	201-173-7	79-06-1

### Point 31 (of Schedule 1) - Toxic for reproduction

#### List 5, category 1 substances toxic for reproduction

Substances	Index	EC Number	CAS	Notes
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	<b>Number</b>		<b>Number</b>
carbon monoxide	006-001-00-2	211-128-3	630-08-0
lead hexafluorosilicate	009-014-00-1	247-278-1	25808-74-6
lead compounds with the exception of those specified elsewhere in this Schedule	082-001-00-6		
lead alkyls	082-002-00-1		
lead azide	082-003-00-7	236-542-1	13424-46-9
lead chromate	082-004-00-2	231-846-0	7758-97-6
lead di(acetate)	082-005-00-8	206-104-4	301-04-2
trilead bis(orthophosphate)	082-006-00-3	231-205-5	7446-27-7
lead acetate	082-007-00-9	215-630-3	1335-32-6
lead(II) methanesulphonate	082-008-00-4	401-750-5	17570-76-2
C.I. Pigment Yellow 34; (This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.)	082-009-00-X	215-693-7	1344-37-2
C.I. Pigment Red 104; (This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.)	082-010-00-5	235-759-9	12656-85-8

lead hydrogen arsenate	082-011-00-0	232-064-2	7784-40-9
1,2-Dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8
warfarin; 4-hydroxy-3-(3-oxo-1-phenylbutyl)coumarin	607-056-00-0	201-377-6	81-81-2
lead 2,4,6-trinitroresorcinoxide, lead styphnate	609-019-00-4	239-290-0	15245-44-0

**Point 31 (of Schedule 1) - Toxic for reproduction**

**List 6, category 2 substances toxic for reproduction**

<b>Substances</b>	<b>Index Number</b>	<b>EC Number</b>	<b>CAS Number</b>	<b>Notes</b>
6-(2-chloroethyl)-6(2-methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane; etacelasil	014-014-00-X	253-704-7	37894-46-5	
nickel tetracarbonyl	028-001-00-1	236-669-2	13463-39-3	
benzo[a]pyrene; benzo[d,e,f]chrysene	601-032-00-3	200-028-5	50-32-8	
2-methoxyethanol; ethylene glycol monomethyl ether	603-011-00-4	203-713-7	109-86-4	
2-ethoxyethanol; ethylene glycol monoethyl ether	603-012-00-X	203-804-1	110-80-5	
2-methoxyethyl acetate; methylglycol acetate	607-036-00-1	203-772-9	110-49-6	
2-ethoxyethyl acetate; ethylglycol	607-037-00-	203-839-2	111-15-9	

acetate	7		
2-ethylhexyl 3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl methyl thio acetate	607-203-00-9	279-452-8	80387-97-9
bis(2-Methoxyethyl) phthalate	607-228-00-5	204-212-6	117-82-8
binapacryl (ISO); 2-sec-butyl-4,6-dinitrophenyl-3-methylcrotonate	609-024-00-1	207-612-9	485-31-4
dinoseb; 6-sec-butyl-2,4-dinitrophenol	609-025-00-7	201-861-7	88-85-7
salts and esters of dinoseb, with the exception of those specified elsewhere in this Schedule	609-026-00-2		
dinoterb; 2-tert-butyl-4,6-dinitrophenol	609-030-00-4	215-813-8	1420-07-1
nitrofen (ISO); 2,4-dichlorophenyl 4-nitrophenyl ether	609-040-00-9	217-406-0	1836-75-5
methyl-ONN-azoxymethyl acetate; methyl azoxy methyl acetate	611-004-00-2	209-765-7	592-62-1
ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	613-039-00-9	202-506-9	96-45-7
N,N-dimethylformamide; dimethyl formamide	616-001-00-X	200-679-5	68-12-2'

### Point 43 (of Schedule 1) - Azocolourants

#### List of Aromatic Amines

	CAS number	Index number	EC number	Substances
1	92-67-1	612-072-00-6	202-177-1	biphenyl-4-ylamine 4-aminobiphenyl xenylamine
2	92-87-5	612-042-00-2	202-199-1	benzidine
3	95-69-2		202-441-6	4-chloro-o-toluidine
4	91-59-8	612-022-00-3	202-080-4	2-naphthylamine
5	97-56-3	611-006-00-3	202-591-2	o-aminoazotoluene 4-amino-2',3-dimethylazobenzene 4-o-tolylazo-o-toluidine
6	99-55-8		202-765-8	5-nitro-o-toluidine
7	106-47-8	612-137-00-9	203-401-0	4-chloroaniline
8	615-05-4		210-406-1	4-methoxy-m-phenylenediamine
9	101-77-9	612-051-00-1	202-974-4	4,4'-methylenedianiline 4,4'-diaminodiphenylmethane
10	91-94-1	612-068-00-4	202-109-0	3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylenediamine
11	119-90-4	612-036-00-X	204-355-4	3,3'-dimethoxybenzidine o-dianisidine
12	119-93-7	612-041-00-7	204-358-0	3,3'-dimethylbenzidine 4,4'-bi-o-toluidine

13	838-88-0	612-085-00-7	212-658-8	4,4'-methylenedi-o-toluidine
14	120-71-8		204-419-1	6-methoxy-m-toluidine p-cresidine
15	101-14-4	612-078-00-9	202-918-9	4,4'-methylene-bis-(2-chloro-aniline) 2,2'-dichloro-4,4'-methylene-dianiline
16	101-80-4		202-977-0	4,4'-oxydianiline
17	139-65-1		205-370-9	4,4'-thiodianiline
18	95-53-4	612-091-00-X	202-429-0	o-toluidine 2-aminotoluene
19	95-80-7	612-099-00-3	202-453-1	4-methyl-m-phenylenediamine
20	137-17-7		205-282-0	2,4,5-trimethylaniline
21	90-04-0	612-035-00-4	201-963-1	o-anisidine 2-methoxyaniline
22	60-09-3	611-008-00-4	200-453-6	4-amino azobenzene

GIVEN under my Official Seal,  
4th June 2003



Minister for Enterprise,  
Trade and Employment.

#### EXPLANATORY NOTE

*(This Note is not part of the Instrument and does not purport to be a legal*

*interpretation)*

The purpose of these Regulations is to implement Council Directive No. 76/769/EEC of 27 July 1976 on the Marketing and Use of Certain Dangerous Substances and Preparations, as amended by Council Directive No. 79/663/EEC of 24 July 1979, Council Directive No. 82/806/EEC of 22 November 1982, Council Directive No. 83/264/EEC of 16 May 1983, Council Directive No. 83/478/EEC of 19 September 1983, Council Directive No. 85/467/EEC of 1 October 1985, Council Directive No. 89/677/EEC of 21 December 1989, Council Directive No. 91/338/EEC of 18 June 1991, Council Directive No. 91/339/EEC of 18 June 1991, Directive No. 94/27/EC of the European Parliament and of the Council of 30 June 1994, European Parliament and Council Directive No. 94/60/EC of 20 December 1994, Commission Directive No. 96/55/EC of 4 September 1996, Commission Directive No. 97/10/EC of 26 February 1997, Directive 97/16/EC of the European Parliament and of the Council of 10 April 1997, Directive No. 97/56/EC of the European Parliament and of the Council of 20 October 1997, Commission Directive 97/64/EC of 10 November 1997, Directive No. 1999/43/EC of the European Parliament and of the Council of 25 May 1999, Commission Directive No. 1999/51/EC of 26 May 1999, Commission Directive No. 1999/77/EC of 26 July 1999, Directive No. 2001/41/EC of the European Parliament and of the Council of 19 June 2001, Commission Directive No. 2001/90/EC of 26 October 2001, Commission Directive No. 2001/91/EC of 29 October 2001, Directive No. 2002/45/EC of the European Parliament and of the Council of 25 June 2002, Directive No. 2002/61/EC of the European Parliament and of the Council of 19 July 2002 and Commission Directive No. 2002/62/EC of 9 July 2002.

The Regulations lay down the restrictions and conditions which must be observed in the marketing and use of the substances and preparations listed in the Schedules to the Regulations and they specify the powers available to inspectors in the enforcement of these restrictions and conditions. The Regulations are enforced by inspectors of the National Authority for Occupational Safety and Health and, in relation to the restriction of certain biocidal products, by authorised officials of the Department of Agriculture and Food.

These Regulations, on coming into operation, revoke the European Communities (Dangerous Substances and Preparations) (Marketing and Use) Regulations, 2000 ( S.I. No. 107 of 2000 ), other than the provisions at reference numbers 32 (relating to creosote) and 41 (relating to hexachloroethane) of Schedule 1 to those Regulations which shall be revoked on 30 June 2003.

The provisions at point 42 of Schedule 1 to these Regulations relating to Alkanes, C<sub>10</sub>-C<sub>13</sub>, chloro (short-chain chlorinated paraffins) take effect from 6 January 2004.

The provisions at point 43 of Schedule 1 to these Regulations (and associated list of aromatic amines in the Third Schedule) relating to azocolourants, take effect from 11 September 2003.

In addition to retransposing Council Directive No. 76/769/EEC and various amending Directives, these Regulations transpose for the first time the following six Directives:-

- (i) Directive No. 2001/41/EC of the European Parliament and of the Council of 19 June amending, for the twenty-first time, Council Directive 76/769/EEC, which is

transposed at Reference Number Points 29 (Carcinogens) and 31 (Substances toxic for reproduction) of Schedule 1, as well as Note R of Schedule 3.

- (ii) Commission Directive No. 2001/90/EC of 26 October 2001, adapting to technical progress for the seventh time Annex 1 to Council Directive 76/769/EEC regarding creosote, which is transposed at Reference Number Point 32 of Schedule 1 to the Regulations. These provisions apply from 30 June 2003. Until that date the provisions at Reference Number Point 32 of the First Schedule to the European Communities (Dangerous Substances and Preparations)(Marketing and Use) Regulations, 2000 ( S.I. No. 107 of 2000 ) remain in operation.
- (iii) Commission Directive No. 2001/91/EC of 29 October 2001, adapting to technical progress for the eighth time Annex 1 to Council Directive 76/769/EEC regarding hexachloroethane, which is transposed at Reference Number 41 of Schedule 1 to the Regulations. These provisions apply from 30 June 2003. Until that date the provisions at Reference Number Point 41 of the First Schedule to the European Communities (Dangerous Substances and Preparations)(Marketing and Use) Regulations, 2000 ( S.I. No. 107 of 2000 ) remain in operation.
- (iv) Directive No. 2002/45/EC of the European Parliament and of the Council of 25 June 2002, amending for the twentieth time Council Directive 76/769/EEC regarding short-chain chlorinated paraffins, which is transposed at Reference Number 42 of Schedule 1 to the Regulations. These provisions apply from 6 January 2004.
- (v) Directive No. 2002/61/EC of the European Parliament and of the Council of 19 July 2002, amending for the nineteenth time Council Directive 76/769/EEC relating to azocolourants, which is transposed at Reference Number 43 of Schedule 1 with an associated list of aromatic amines in Schedule 3 to the Regulations.
- (vi) Commission Directive No. 2002/62/EC of 9 July 2002, adapting to technical progress for the ninth time Annex 1 to Council Directive 76/769/EEC regarding organostannic compounds, which is transposed at Reference Number 21 of Schedule 1 to the Regulations. These provisions apply with immediate effect.

<sup>1</sup> O.J. No. L262, 27.9.1976, p. 201

<sup>2</sup> O.J. No. L197, 3.8.1979, p.37

<sup>3</sup> O.J. No. L339, 1.12.1982, p. 55

<sup>4</sup> O.J. No. L147, 6. 6. 1983, p. 9

<sup>5</sup> O.J. No. L263, 24. 9. 1983, p. 33

<sup>6</sup> O.J. No. L269, 11. 10. 1985, p. 56

<sup>7</sup> O.J. No. L398, 30. 12. 1989, p. 19

<sup>8</sup> O.J. No. L186, 12. 7. 1991, p. 59

<sup>9</sup> O.J. No. L186, 12.7. 1991, p. 64

- <sup>10</sup> O.J. No. L188, 22. 7. 1994, p. 1
- <sup>11</sup> O.J. No. L365, 31. 12. 1994, p. 1
- <sup>12</sup> O.J. No. L231, 12. 9. 1996, p. 20
- <sup>13</sup> O.J. No. L68, 8. 3. 1997, p. 24
- <sup>14</sup> O.J. No. L116, 6. 5. 1997, p. 31
- <sup>15</sup> O.J. No. L333, 4. 12. 1997, p. 1
- <sup>16</sup> O.J. No. L315, 19. 11. 1997, p. 13
- <sup>17</sup> O.J. No. L166, 1. 7. 1999, p. 87
- <sup>18</sup> O.J. No. L142, 5. 6. 1999, p. 22
- <sup>19</sup> O.J. No. L207, 6. 8. 1999, p. 18
- <sup>20</sup> O.J. No. L194, 18.7. 2001, p.36
- <sup>21</sup> O.J. No. L283, 27.10. 2001, p.41
- <sup>22</sup> O.J. No. L286, 30.10. 2001, p.27
- <sup>23</sup> O.J. No. L177, 6. 7. 2002, p.21
- <sup>24</sup> O.J. No. L243, 11.9.2002, p15
- <sup>25</sup> O.J. No. L183, 12. 7. 2002, p. 58