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If a whole or part of a paragraph has been amended, the date of the amending regulation appears in square brackets at the end of the paragraph. If a whole paragraph or sub-paragraph has been deleted, the date of the deletion appears in square brackets beside the deleted paragraph or sub-paragraph.

Republic of Latvia

Cabinet

Regulation No. 803

Adopted 29 September 2008

Labour Protection Requirements when Coming in Contact with Carcinogenic Substances at Workplaces

*Issued pursuant to
Section 25, Clause 16 of the Labour Protection Law*

I. General Provisions

1. The Regulation prescribes the labour protection requirements which must be followed when coming in contact with carcinogenic substances at workplaces in order to protect employees against the risks arising for safety and health thereof if the employees are or may be exposed to carcinogenic substances.

2. Carcinogenic substances (hereinafter – the carcinogens) within the meaning of this Regulation shall constitute the following:

2.1. substances or mixtures which meet the criteria for classification as a category 1A or 1B carcinogen set out in Annex I to Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (hereinafter – Regulation No 1272/2008);

2.2. substances or mixtures emitted in any of the processes referred to in Annex 2 to this Regulation;

2.3. mutagenic chemical substances or mixtures which meet the criteria for classification as a category 1A or 1B germ cell mutagen set out Annex I to Regulation No 1272/2008.

[7 April 2015]

3. [18 February 2021]

4. [18 February 2021]

5. The Regulation shall apply to all fields of employment where employees are or may be exposed to the carcinogens referred to in Annex 1 to this Regulation or other carcinogens which are not referred to in Annex 1 to this Regulation and which, in accordance with Paragraph 2 of this Regulation, are classified as categories 1.A and 1.B carcinogenic substances or

categories 1.A and 1.B mutagenic substances or mixtures, and also to the works referred to in Annex 2 to this Regulation and other works equivalent thereto in which carcinogens are used or emitted.

[18 February 2021]

6. An employee shall be considered exposed to carcinogens if he or she performs work related to the production, use, storage, transportation, reprocessing, collection or disposal of carcinogens, or work resulting in a carcinogen.

7. This Regulation shall not apply to the employees who are only exposed to a risk arising from ionising radiation the carcinogenic effects of which on human health have been proved.

8. This Regulation shall be applied to work with asbestos if the application thereof ensures better protection of employees than that provided for in the laws and regulations regarding protection in work with asbestos.

9. The employer shall be responsible for the implementation of and compliance with this Regulation.

10. Compliance with this Regulation shall be controlled by the State Labour Inspectorate, while certain control functions shall be performed by the Health Inspectorate and the State Environmental Service, and also the Ministry of Defence according to their competence.

II. Obligations of the Employer

11. If a risk is identified to the safety and health of employees, the employer shall remove the relevant risk by taking the following measures:

11.1. eliminate the use of carcinogens by replacing them, as far as possible, with other substances, mixtures, and processes (works) that are not hazardous or are less hazardous to the safety and health of the employees;

11.2. where it is not technically feasible to replace a carcinogen with a substance, mixture or process which, in accordance with the conditions for use thereof, is not hazardous or is less hazardous to the health or safety, ensure that the relevant carcinogen is produced and used in a closed system, in so far as it is technically feasible.

[7 April 2015]

12. If it is not possible to fully ensure conformity with the requirements referred to in Subparagraphs 11.1 and 11.2 of this Regulation, the employer shall, in so far as it is technically feasible, minimise the level of carcinogens at workplaces, ensuring that the level of contact of employees with the carcinogens does not exceed the occupational exposure limit values (OEVs) referred to in Annex 1 to this Regulation (occupational exposure limit value (OEV) is a concentration of chemical substances and chemical mixtures in the air of a working environment which does not cause diseases or health disorders through life of the employee that can be identified with the use of modern examination methods), provided that the employee is exposed to the relevant chemical substances and chemical mixtures for not more than eight hours per day or not more than 40 hours per week. If the occupational exposure limit values (OEVs) have not been indicated for the carcinogens referred to in Annex 1 to this Regulation, the employer is entitled to use the occupational exposure limit values (OEVs) specified in other sources of information. If no occupational exposure limit value (OEV) has been indicated for a carcinogen, the employer shall ensure the maximum health protection of the employees in accordance with the requirements laid down in this Regulation.

[7 April 2015]

13. In order to prevent or minimise the release of carcinogens in the working environment, the employer shall organise the production process and the control thereof under the following conditions:

13.1. reduce, as far as possible, the contact of the employees with carcinogens by improving work processes and methods and also by minimising the level of carcinogens at workplaces;

13.2. restrict, as far as possible, the number of employees who come or might come in contact with carcinogens;

13.3. automate and pressurise, as far as possible, technological processes and equipment and also introduce automated remote control;

13.4. plan work processes and technical protection measures in such a way as to prevent or minimise the release of carcinogens at workplaces;

13.5. collect carcinogens directly in the sources of release thereof by using local exhaust ventilation devices for the polluted air and ensuring ventilation necessary for the premises with the ventilation systems. It shall be concurrently ensured that no damage is caused to the environment or public;

13.6. establish appropriate working order and methods which are used when working with carcinogens;

13.7. provide the employees with collective protective equipment according to the specific nature of technology and work or, where it is not possible, with appropriate personal protective equipment by taking into account the working conditions;

13.8. employ standard methods recognised internationally to identify and control carcinogens in the air of the working environment by ensuring early identification of unexpected elevated concentration or leakage of the carcinogen, using the continuous control methods as much as possible.

14. The employer shall call on accredited laboratories to take measurements of the concentration of carcinogens in the air of the working environment.

15. In order to reduce pollution of the working environment by carcinogens, the employer shall ensure the following by employing methods which do not pose an additional risk to the employee:

15.1. cleaning of all production facilities and sanitary spaces;

15.2. regular cleaning of floors, walls, and other surfaces at workplaces and also removal of dust from work equipment.

16. The employer shall ensure that unauthorised persons are not present in areas where they come or may come in contact with carcinogens.

17. In order to ensure that production waste containing carcinogens is collected, stored, recycled and disposed of in a timely and safe manner in accordance with the procedures laid down in the laws and regulations regarding hazardous waste management, the employer shall use closed, clearly labelled containers or other containers indicating the content thereof.

18. The employer shall, in accordance with the requirements laid down in the laws and regulations regarding the procedures for labelling chemical substances, ensure the labelling of tanks, pipes, containers, and other types of packaging containing carcinogens, placement of safety signs at workplaces, and conformity of the labelling with the contents of tanks, pipes, containers, or other types of packaging, and also correctly and safely store, transport, and move carcinogens or carry out any other activities involving them.

19. The employer shall delimit the workplaces where it is possible to come in contact with carcinogens and install warning and safety signs and also a “No smoking” sign, in accordance with the procedures laid down in the laws and regulations regarding the use of safety signs.

20. The employer shall draw up and keep up to date a list of the employees who come in contact with carcinogens and document (in a paper or electronically) information regarding the actual exposure level of carcinogens (type of contact, concentration of carcinogens in the working environment, duration of contact).

21. The employer shall provide the employees and representatives thereof with a possibility of obtaining anonymous collective information regarding carcinogens in an undertaking.

22. The employer shall draw up an action plan in situations where unexpectedly high exposure of carcinogenic substances is possible and in other extraordinary situations.

23. The employer shall provide a person responsible for the health surveillance of the employees with the list referred to in Paragraph 20 of this Regulation.

III. Identification and Assessment of the Risk Arising from Carcinogens

24. Identification and assessment of the risk arising from carcinogens shall constitute part of the internal supervision of the working environment and the employer shall carry out the relevant activities in accordance with the procedures laid down in the laws and regulations regarding the internal supervision of the working environment.

25. In assessing whether the employee is or may be exposed to the risk arising from carcinogens, the presence of the substances or processes referred to in Paragraph 5 of this Regulation at the workplace, the effects thereof on the employees, and the exposure routes to the body of the employee, including skin absorption and dermal absorption, shall be taken into account.

26. In addition to the requirements laid down in the laws and regulations regarding the procedures for the internal supervision of the working environment, the employer shall also take into account and include the following in the labour protection documentation:

26.1. a description of the characteristics of the carcinogens used in work processes (characteristics (nature, level and duration) of the effects and safety requirements);

26.2. a description of the type and circumstances under which the employees come in contact with carcinogens by indicating all exposure patterns of carcinogens (for example, dermal absorption);

26.3. the results of the measurements of the concentration of carcinogens in the working environment and conformity thereof with the specified occupational exposure limit values (OEVs). If the occupational exposure limit values (OEVs) have been exceeded, an action plan shall be indicated to reduce them;

26.4. an assessment of the level of risk by taking into account the probability of exposure and the severity of the potential effects.

27. Risk shall be assessed at least once a year and also in cases where any changes (for example, change in technology, work conditions, work equipment, protective equipment) which may affect the exposure of the employees to carcinogens.

28. In assessing the risk of carcinogens, the employer shall take into account the effects of carcinogens on groups at particular risk (for example, adolescents, pregnant women, women

who have recently given birth) by taking into consideration that such employees may not be employed at workplaces where they come or may come in contact with carcinogens.

29. The employer shall ensure that the supervisory and control authorities referred to in Paragraph 10 of this Regulation and the person responsible for the health surveillance of the employees have access to information regarding risk assessment in an undertaking and shall, upon request, provide information regarding the following:

29.1. activities or production processes related to carcinogens, including the justification for use thereof;

29.2. characteristics of carcinogens, type, degree of exposure and concentration in the working environment, and also the quantity of the carcinogens used or produced;

29.3. contact with the number of employees exposed to carcinogens, duration and periodicity of contact;

29.4. prevention measures taken by an undertaking to protect safety and health of the employees;

29.5. collective protective equipment and personal protective equipment used by an undertaking;

29.6. replacement of carcinogens in production processes.

IV. Measures in an Expected Occupational Exposure Situation and in an Emergency Situation

30. If it is possible that the employees stay in a high risk area and technical preventive measures have not had the desired effect, the employer shall, upon consultation with the employees or representatives thereof, determine additional collective and personal protective measures to be taken in order to prevent or minimise the actual exposure level of carcinogens and ensure the protection of the employees who stay in the high risk area.

31. The employer shall ensure that all necessary measures are taken in order to delimit and mark high risk areas and to prevent unauthorised persons from accessing them.

32. In case of an emergency situation where concentration of carcinogens increases unexpectedly and the occupational exposure limit value (OEV) is exceeded, or a possibility of such increased risk is established, the employer shall immediately inform the employees and representatives thereof of this situation.

33. During the emergency situation only specially trained employees who carry out urgent repairs or other urgent works related to the emergency situation and who have been involved in the repairs and elimination of consequences of the emergency situation may stay in a high risk area.

34. The exposure time to carcinogens shall be reduced to the minimum in respect of each individual employee involved in the works related to the rectification of the emergency situation and referred to in Paragraph 33 of this Regulation and these employees may not stay in the high risk area for long periods.

35. The employees shall be allowed to carry out urgent repairs or other urgent works related to the emergency situation, provided that they use work equipment, protective clothing, and other personal protective equipment which correspond to the specific character of the situation.

36. The employees not performing any work related to the emergency situation shall not be allowed to stay in the high risk area.

V. Hygiene Requirements and Requirements to Follow in Using Personal Protective Equipment

37. If there is a risk that the employees may come in contact with carcinogens, the employer shall ensure that:

- 37.1. the employees do not eat, drink, or smoke in the risk area;
- 37.2. the employees have appropriate washrooms and sanitary facilities;
- 37.3. the employees are provided with protective clothing and other necessary personal protective equipment;
- 37.4. the working protective clothing is stored separately from the personal clothing of the employees in rooms with efficient ventilation and also shall ensure that the working protective clothing is washed in installations suitable for this purpose separately from other clothing;
- 37.5. the personal protective equipment is stored in a place intended for this purpose, inspected and cleaned on a regular basis, and the damaged and used equipment is repaired or replaced with new equipment in a timely manner.

38. It shall be prohibited to bring the protective clothing, which has been used in work involving carcinogens, outside the territory of an undertaking.

39. The employer shall cover any expenses related to the purchase and use of personal protective equipment when handling carcinogens (including repair, inspection, and cleaning of the protective clothing).

VI. Training and Informing of the Employees

40. The employer shall ensure that the employees undergo work-specific training (including practical training) and also provide them with the necessary information regarding the relevant labour protection measures if the employees come in contact with carcinogens in the work process and also regarding the actions and measures in case of an accident and in other emergency situations.

41. Training shall be organised repeatedly at least once a year and also in case of any changes which might affect the exposure of employees to carcinogens (for example, change in technology, working conditions, work equipment, protective equipment).

42. The employer shall inform the employees and representatives thereof of the following:

- 42.1. the potential risk (including the risk caused by smoking) to health;
- 42.2. the measures to avoid or reduce risk;
- 42.3. the hygiene requirements;
- 42.4. the actions in case of an accident, elimination thereof and in other emergency situations and provide information regarding the actions of those involved in rescue operations;
- 42.5. the labelling of tanks, pipes, containers, and other packaging containing carcinogens;
- 42.6. the safety signs at workplaces and the marking and delimitation of high risk areas;
- 42.7. the measures to protect the employees against the effects of carcinogens;
- 42.8. the concentration of carcinogens in the working environment, the procedures for and results of measurement thereof;
- 42.9. the collective protective equipment;

42.10. the protective clothing, protective footwear, respirators, filters thereof, and other equipment to be used at workplaces, how to ensure efficiency thereof during use, the need for use, and the conditions of use;

42.11. the procedures for communicating potential elevation of the concentration of carcinogens, potential causes of a dangerous situation, and measures to prevent it, and also any other actions in the emergency situation;

42.12. the assignment of the employees to the provision of first aid and the fire-fighting and evacuation works;

42.13. the planning and organisation of training.

43. The employer shall consult the employees and representatives thereof about the issues referred to in Paragraph 42 of this Regulation.

VII. Obligations and Rights of the Employees

44. The employees and representatives thereof shall be obliged to follow the instructions of the employer, the requirements referred to in Paragraph 42 of this Regulation, and also the knowledge acquired during training on how to use the work equipment and collective and individual protective equipment correctly.

45. The employee has the right to obtain the information referred to in Paragraph 29 of this Regulation which is relevant directly to him or her.

46. If the employer or the employee has doubts as to the results of medical examinations, he or she may request that the results of the medical examination are reviewed or the medical examination is conducted repeatedly.

47. The employees and representatives thereof shall be obliged to notify the employer of any circumstances in the work involving carcinogens which may lead to an increased risk or cause damage to the safety or health of the employee.

48. The employees and representatives thereof have the right to submit proposals to the employer for the improvement of labour safety and health protection in work involving carcinogens and request that the employer takes risk mitigation measures.

49. The employee has the right to access, personally or through a medical practitioner, the information regarding effects of carcinogens and also occupational exposure account data, and the results of medical examinations related to him or her directly.

VIII. Health Surveillance

50. Each employee who comes or may come in contact with carcinogens shall undergo a first-time medical examination and also periodic medical examinations.

51. Medical examinations shall be conducted in accordance with the procedures laid down in the laws and regulations regarding mandatory medical examinations.

52. In conducting medical examinations of the employees, medical treatment institutions shall conform to the following requirements:

52.1. a physician conducting medical examination of the employee obtains information from the employee or the employer regarding the working conditions of the employee;

52.2. health care of the employee shall be carried out in accordance with the principles and practice of general and occupational medicine, including the following measures:

52.2.1. a personal conversation and documentation of medical history and occupational history of the employee;

52.2.2. an individual assessment of the health condition of each employee, evaluating in particular whether carcinogens have caused the employee early or reversible health disorders;

52.2.3. an assessment of the biologic exposure of carcinogens if the biologic exposure indicator has been determined in respect of the relevant carcinogen;

52.3. provide the employee with information and recommendations on medical examinations which may be conducted after the end of exposure to carcinogenic substances.

52.¹ For the purpose of the protection of the employee's health, a physician carrying out health surveillance of the employee may indicate the period until which health surveillance should continue after the end of exposure to the carcinogenic substance.

[7 January 2020]

53. The employer shall ensure that individual records are kept in respect of the results of medical examinations of each employee. Results of examinations shall be taken into account when developing labour protection measures at a specific workplace.

54. If it is established in a medical examination that the contact with carcinogens at a workplace has lead to a disease or health disorders of the employee:

54.1. an occupational disease physician shall inform the employee of the results of the mandatory medical examinations and provide information and recommendations on future health care, including after the end of effects of carcinogens;

54.2. an occupational disease physician shall, in accordance with the laws and regulations regarding the procedures for conducting mandatory medical examinations, inform the employer of inadequate conditions of the working environment which may have adverse effects on the health condition of the employees by indicating the need to conduct mandatory medical examinations for employees working under similar conditions and also recommend the employer to take appropriate preventive measures;

54.3. the employer shall re-evaluate the results of the risk assessment and labour protection measures which prevent or reduce the risk related to carcinogens and shall, upon recommendations of an occupational disease or occupational health physician, a labour protection specialist, a competent specialist, or a competent authority, take labour protection measures to prevent or reduce the risk of carcinogens and also provide for a possibility to assign employees to alternative works where there is no risk of exposure to carcinogens;

54.4. the employer shall ensure systematic health surveillance and provide a medical re-examination to any employee who has been exposed to carcinogens in a similar manner.

55. The list referred to in Paragraph 20 of this Regulation and the data referred to in Paragraph 53 of this Regulation regarding medical examinations conducted after the end of the exposure of the employee to carcinogens shall be stored by the employer for 40 years and then handed over to the archives in accordance with the procedures laid down in the law On Archives. If an undertaking is liquidated, the list of the employees handling carcinogens and the data on medical examinations shall be stored in accordance with the requirements laid down in the laws and regulations regarding storage of archival documents.

IX. Closing Provisions

[7 January 2020]

56. Cabinet Regulation No. 539 of 27 December 2001, Regulations regarding Requirements for Labour Protection when in Contact with Carcinogenic Substances at Workplaces (*Latvijas Vēstnesis*, 2001, No. 188; 2008, No. 45), is repealed.

57. From 17 January 2020 to the time period referred to in this Paragraph, the substances referred to in Paragraphs 133 and 555 of Annex 1 to this Regulation shall have the following occupational exposure limit values:

57.1. to 17 January 2023 for hardwood dusts – 3 mg/m³;

57.2. to 17 January 2025 for chromium (VI) compounds – 0.010 mg/m³, but for chromium (VI) compounds in welding or plasma cutting processes or similar work processes producing vapours – 0.025 mg/m³.

[7 January 2020]

58. Paragraph 334.¹ of Annex 1 to this Regulation shall come into force on 21 February 2023. The requirement in relation to the occupational exposure limit value referred to in Paragraph 334.¹ of Annex 1 to this Regulation for exhaust emissions from diesel engines in the field of underground mining and constructions of tunnels shall come into force on 21 February 2026.

[18 February 2021; *The abovementioned amendment shall be included in the wording of the Regulation as of 21 February 2023*]

59. Paragraphs 118.¹, 302.¹, 399.¹, and 565.¹ of Annex 1 to this Regulation and the Note No. 11 of the Section “Notes” of Annex 1 shall come into force on 11 July 2021. The amendment to Paragraph 46 of Annex 1 to this Regulation by which the occupational exposure limit value is specified shall come into force on 11 July 2021. The requirement in relation to the occupational exposure limit value referred to in Paragraph 46 of Annex 1 to this Regulation for the arsenic acid and its salts as well as for inorganic arsenic compounds in the field of copper smelting shall come into force on 11 July 2023.

[18 February 2021]

60. During the time period from 11 July 2021 until the time period referred to in this Paragraph, the substances referred to in Paragraphs 118.¹, 399.¹, and 565.¹ of Annex 1 to this Regulation shall have the following occupational exposure limit values:

60.1. until 11 July 2024, for formaldehyde in the fields of health care, funeral, and embalming – 0.62 mg/m³ or 0.5 ppm;

60.2. until 11 July 2026, for beryllium and inorganic beryllium compounds – 0.0006 mg/m³;

60.3. until 11 July 2027, for cadmium and its inorganic compounds – 0.004 mg/m³.

[18 February 2021]

Informative Reference to European Union Directives

[7 April 2015; 7 January 2020; 18 February 2021]

The Regulation contains legal norms arising from:

1) Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work (Sixth individual Directive within the meaning of Article 16(1) of Council Directive 89/391/EEC) (codified version);

2) Directive 2014/27/EU of the European Parliament and of the Council of 26 February 2014 amending Council Directives 92/58/EEC, 92/85/EEC, 94/33/EC, 98/24/EC and Directive 2004/37/EC of the European Parliament and of the Council, in order to align them to Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures;

3) Directive (EU) 2017/2398 of the European Parliament and of the Council of 12 December 2017 amending Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work;

4) Directive (EU) 2019/130 of the European Parliament and of the Council of 16 January 2019 amending Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work;

5) Directive (EU) 2019/983 of the European Parliament and of the Council of 5 June 2019 amending Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

Prime Minister

I. Godmanis

Minister for Welfare

I. Purne

Carcinogens and Occupational Exposure Limit Values (OEVs) Thereof

[7 January 2020; 18 February 2021; Paragraphs 118.¹, 302.¹, 399.¹, and 565.¹ of Annex and the Note No. 11 of the Section “Notes” of Annex, and also the amendment to Paragraph 46 of Annex by which the occupational exposure limit value is specified shall come into force on 11 July 2021; Paragraph 334.¹ of Annex shall come into force on 21 February 2023 and shall be included in the wording of Regulation as of 21 February 2023; the requirement in relation to the occupational exposure limit value referred to in Paragraph 46 of Annex to this Regulation for the arsenic acid and its salts as well as for inorganic arsenic compounds in the field of copper smelting shall come into force on 11 July 2023; the requirement in relation to the occupational exposure limit value referred to in Paragraph 334.¹ of Annex for exhaust emissions from diesel engines in the field of underground mining and constructions of tunnels shall come into force on 21 February 2026. See Paragraphs 58 and 59 of the Regulation]

No.	Name of the substance	Carcinogen category	EC No. ⁽¹⁾	CAS ⁽²⁾	Limit value (OEV)						Characteristics of effects of the substance	Notes
					8 hours ⁽³⁾			short-term ⁽⁴⁾				
					mg/m ³ ₍₅₎	ppm ₍₆₎	f/cm ³ ₍₇₎	mg/m ³ ₍₅₎	ppm ₍₆₎	f/cm ³ ₍₇₎		
1.	Absorption oils, bicyclo aromatic and heterocyclic hydrocarbon fraction; Wash oil redistillate	Carc. 1B	309-851-5	101316-45-4							H350	
2.	Coal tar	Carc. 1A	232-361-7	8007-45-2							H350	
3.	Coal tar, storage residues; Coal tar solids residue	Carc. 1B	293-764-1	91082-50-7							H350	
4.	Coal tar bases, crude; Crude tar bases	Muta. 1B Carc. 1B	266-018-8	65996-84-1							H340 H350	
5.	Coal tar bases, quinoline derivatives fraction; Distillate bases	Muta. 1B Carc. 1B	274-560-1	70321-67-4							H340 H350	
6.	Coal tar bases, distillation residues; Distillate bases	Muta. 1B Carc. 1B	295-544-0	92062-29-8							H340 H350	
7.	Coal tar acids, crude; Crude phenols	Muta. 1B Carc. 1B	266-019-3	65996-85-2							H340 H350	
8.	Coal liquids, liquid solvent extraction solution	Carc. 1B	302-682-8	94114-47-3							H350	
9.	Coal liquids, liquid solvent extraction	Carc. 1B	302-683-3	94114-48-4							H350	

10.	Acrylamide, propene-2-amide	Muta. 1B Carc. 1B	201-173-7	79-06-1	0.1						H340 H350	Skin ⁽¹⁰⁾
11.	Acrylonitrile	Carc. 1B	203-466-5	107-13-1	0.5						H350	
12.	5-allyl-1,3-benzodioxole, safrole	Carc. 1B Muta. 2	202-345-4	94-59-7							H350 H341	
13.	Alkanes, C ₁₋₄ , with high content of C ₁₋₄ , C ₃ , petroleum gas	Carc. 1B Muta. 1B	292-456-4	90622-55-2							H350 H340	
14.	Alkanes, C ₁₋₂ ; petroleum gas	Carc. 1A Muta. 1B	270-651-5	68475-57-0							H350 H340	
15.	Alkanes, C ₂₋₃ ; petroleum gas	Carc. 1A Muta. 1B	270-652-0	68475-58-1							H350 H340	
16.	Alkanes, C ₃₋₄ ; petroleum gas	Carc. 1A Muta. 1B	270-653-6	68475-59-2							H350 H340	
17.	Alkanes, C ₄₋₅ ; petroleum gas	Carc. 1A Muta. 1B	270-654-1	68475-60-5							H350 H340	
18.	Alkanes, C ₁₂₋₂₆ , branched and linear	Carc. 1B	292-454-3	90622-53-0							H350	
19.	4-aminoazobenzene, 4-phenylazoaniline	Carc. 1B	200-453-6	60-09-3							H350	
20.	o-aminoazotoluene, AAT	Carc. 1B	202-591-2	97-56-3							H350	
21.	4-amino-3-fluorophenol	Carc. 1B	402-230-0	399-95-1							H350	
22.	4-aminobiphenyl	Carc. 1A	202-177-1	92-67-1							H350	
23.	4-aminobiphenyl salts	Carc. 1A	–	–							H350	
24.	Ammonium dichromate	Carc. 1B Muta. 1B	232-143-1	7789-09-5							H350 H340	
25.	Anthracene oil; Anthracene oil	Carc. 1B	292-602-7	90640-80-5							H350	
26.	Anthracene oil, anthracene paste; Anthracene oil fraction	Carc. 1B Muta. 1B	292-603-2	90640-81-6							H350 H340	
27.	Anthracene oil with low content of anthracene; Anthracene oil fraction	Carc. 1B Muta. 1B	292-604-8	90640-82-7							H350 H340	
28.	Anthracene oil, acid-base extraction; Anthracene oil extract residue	Carc. 1B	295-274-3	91995-14-1							H350	
29.	Anthracene oil, anthracene paste, anthracene fraction; Anthracene oil fraction	Carc. 1B Muta. 1B	295-275-9	91995-15-2							H350 H340	
30.	Anthracene oil, anthracene paste, carbazole fraction; Anthracene oil fraction	Carc. 1B Muta. 1B	295-276-4	91995-16-3							H350 H340	

31.	Anthracene oil, anthracene paste, distillation lights; Anthracene oil fraction	Carc. 1B Muta. 1B	295-278-5	91995-17-4							H350 H340	
32.	Aromatic hydrocarbons, C ₆₋₁₀ , acid-treated, neutralised; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	268-618-5	68131-49-7							H350 H340	
33.	Aromatic hydrocarbons, C ₆₋₈ , naphtha-raffinate pyrolyzate-derived; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	270-658-3	68475-70-7							H350 H340	
34.	Aromatic hydrocarbons, C ₈ ; Light oil redistillate, high boiling	Carc. 1B Muta. 1B	292-694-9	90989-38-1							H350 H340	
35.	Aromatic hydrocarbons, C ₈₋₁₀ ; Light oil redistillate, high boiling	Carc. 1B Muta. 1B	292-695-4	90989-39-2							H350 H340	
36.	Aromatic hydrocarbons, C _{6-C10} , C ₈ -rich; Light oil redistillate, low boiling	Carc. 1B Muta. 1B	292-697-5	90989-41-6							H350 H340	
37.	Aromatic hydrocarbons, C ₇₋₈ , dealkylation products, distillation residues; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	292-698-0	90989-42-7							H350 H340	
38.	Aromatic hydrocarbons, C ₈ , catalytic reforming-derived; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	295-279-0	91995-18-5							H350 H340	
39.	Aromatic hydrocarbons, C ₈₋₉ ; Hydrocarbon polymerisation by-products; Light oil redistillate, high boiling	Carc. 1B Muta. 1B	295-281-1	91995-20-9							H350 H340	
40.	Aromatic hydrocarbons, C ₉₋₁₂ , benzene distillation; Light oil redistillate, high boiling	Carc. 1B Muta. 1B	295-551-9	92062-36-7							H350 H340	
41.	Aromatic hydrocarbons, C ₇₋₁₂ , C ₈ -rich; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	297-401-8	93571-75-6							H350 H340	
42.	Aromatic hydrocarbons, C ₂₆₋₅₅ , arom-rich	Carc. 1B	307-753-7	97722-04-8							H350	
43.	Hydrocarbon oils, aromatic, mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction; Heat treatment products	Carc. 1B Muta. 1B	309-745-9	100801-63-6							H350 H340	
44.	Hydrocarbon oils, aromatic, mixed with polyethylene, pyrolyzed, light oil fraction; Heat treatment products	Carc. 1B Muta. 1B	309-748-5	100801-65-8							H350 H340	
45.	Hydrocarbon oils, aromatic, mixed with polystyrene, pyrolyzed, light oil fraction; Heat treatment products	Carc. 1B Muta. 1B	309-749-0	100801-66-9							H350 H340	

46.	Arsenic acid and its salts as well as inorganic arsenic compounds	Carc. 1A			0.01 ⁽⁹⁾							H350	
47.	Residues (petroleum), alkylation splitter, C ₄ -rich, petroleum gas	Carc. 1A Muta. 1B	271-010-2	68513-66-6								H350 H340	
48.	Residues (petroleum), atmospheric pressure scrubber; Heavy fuel oil	Carc. 1B	265-045-2	64741-45-3								H350	
49.	Residues (petroleum), catalytic reforming, fractionating column; Heavy fuel oil	Carc. 1B	265-069-3	64741-67-9								H350	
50.	Residues (petroleum), hydrocracking; Heavy fuel oil	Carc. 1B	265-076-1	64741-75-9								H350	
51.	Residues (petroleum), thermal cracking; Heavy fuel oil	Carc. 1B	265-081-9	64741-80-6								H350	
52.	Residues (petroleum) hydrodesulphurised atmospheric tower; Heavy fuel oil	Carc. 1B	265-181-2	64742-78-5								H350	
53.	Residues (petroleum), steam-cracked; Heavy fuel oil	Carc. 1B	265-193-8	64742-90-1								H350	
54.	Residues (petroleum), atmospheric; Heavy fuel oil	Carc. 1B	269-777-3	68333-22-2								H350	
55.	Residues (petroleum), butane splitter bottoms; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-791-7	68478-12-6								H350 H340	
56.	Residues (petroleum), catalytic reformer fractionator residue; Heavy fuel oil	Carc. 1B	270-792-2	68478-13-7								H350	
57.	Residues (petroleum), hydrocarbon C ₆₋₈ catalytic reformer; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	270-794-3	68478-15-9								H350 H340	
58.	Residues (petroleum), heavy coker gas oil and vacuum gas oil; Heavy fuel oil	Carc. 1B	270-796-4	68478-17-1								H350	
59.	Residues (petroleum), heavy coker and light vacuum; Heavy fuel oil	Carc. 1B	270-983-0	68512-61-8								H350	
60.	Residues (petroleum), light vacuum; Heavy fuel oil	Carc. 1B	270-984-6	68512-62-9								H350	
61.	Residues (petroleum), steam-cracked light; Heavy fuel oil	Carc. 1B	271-013-9	68513-69-9								H350	
62.	Residues (petroleum), topping plant, low-sulfur; Heavy fuel oil	Carc. 1B	271-763-7	68607-30-7								H350	

63.	Residues (petroleum), coker scrubber, condensed-ring-aromatic-containing; Heavy fuel oil	Carc. 1B	272-187-9	68783-13-1							H350	
64.	Residues (petroleum), steam-cracked, resinous; Heavy fuel oil	Carc. 1B	273-272-3	68955-36-2							H350	
65.	Residues (petroleum), steam-cracked, distillates; Heavy fuel oil	Carc. 1B	292-657-7	90669-75-3							H350	
66.	Residues (petroleum), vacuum, light; Heavy fuel oil	Carc. 1B	292-658-2	90669-76-4							H350	
67.	Residues (coal tar), anthracene oil distillation; Anthracene oil fraction	Carc. 1B Muta. 1B	295-505-8	92061-92-2							H350 H340	
68.	Residues (coal tar), creosote oil distillation; Wash oil redistillate	Carc. 1B	295-506-3	92061-93-3							H350	
69.	Residues (coal tar), pitch distillation; Pitch redistillate	Carc. 1B	295-507-9	92061-94-4							H350	
70.	Residues (petroleum), catalytic cracking; Heavy fuel oil	Carc. 1B	295-511-0	92061-97-7							H350	
71.	Residues (petroleum), hydrogenated steam-cracked naphtha; Cracked gas oil	Carc. 1B	295-514-7	92062-00-5							H350	
72.	Residues (petroleum), steam-cracked naphtha distillation; Cracked gas oil	Carc. 1B	295-517-3	92062-04-9							H350	
73.	Residues (petroleum), steam-cracked heat-soaked naphtha; Cracked gas oil	Carc. 1B	297-905-8	93763-85-0							H350	
74.	Residues (coal), liquid solvent extraction	Carc. 1B	302-681-2	94114-46-2							H350	
75.	Residues, steam cracked, thermally treated; Heavy fuel oil	Carc. 1B	308-733-0	98219-64-8							H350	
76.	Residues (petroleum), steam-cracked light, aromatic; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	310-057-6	102110-55-4							H350 H340	
77.	Residual oils (petroleum), solvent-refined; Base oil – unspecified	Carc. 1B	265-101-6	64742-01-4							H350	
78.	Residual oils (petroleum), hydrotreated; Base oil – unspecified	Carc. 1B	265-160-8	64742-57-0							H350	
79.	Residual oils (petroleum), solvent-dewaxed; Base oil – unspecified	Carc. 1B	265-166-0	64742-62-7							H350	

80.	Residual oils (petroleum), deisobutaniser tower; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-795-9	68478-16-0							H350 H340	
81.	Residual oils (petroleum), hydrotreated solvent-dewaxed; Base oil – unspecified	Carc. 1B	292-656-1	90669-74-2							H350	
82.	Residual oils (petroleum), catalytic dewaxed; Base oil – unspecified	Carc. 1B	294-843-3	91770-57-9							H350	
83.	Residual oils (petroleum), hydrocracked acid-treated solvent-dewaxed; Base oil – unspecified	Carc. 1B	295-499-7	92061-86-4							H350	
84.	Residual oils (petroleum); Heavy fuel oil	Carc. 1B	298-754-0	93821-66-0							H350	
85.	Residual oils (petroleum), carbon-treated solvent-dewaxed; Base oil – unspecified	Carc. 1B	309-710-8	100684-37-5							H350	
86.	Residual oils (petroleum), clay-treated solvent-dewaxed; Base oil – unspecified	Carc. 1B	309-711-3	100684-38-6							H350	
87.	Refractory ceramic fibres: special purpose fibres, with the exception of those specified elsewhere in this list [man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide content less or equal to 18 % by weight]	Carc. 1B	–	–							H350	
88.	Clarified oils (petroleum), catalytic cracked; Heavy fuel oil	Carc. 1B	265-064-6	64741-62-4							H350	
89.	Clarified oils (petroleum), hydrodesulphurised catalytic cracked; Heavy fuel oil	Carc. 1B	269-782-0	68333-26-6							H350	
90.	Tar, coal, high-temperature; Coal tar	Carc. 1A	266-024-0	65996-89-6							H350	
91.	Tar, coal, high-temperature, high-solids; Coal tar solids residue	Carc. 1B	273-615-7	68990-61-4							H350	
92.	Tar, coal, high-temperature, distillation and storage residues; Coal tar solids residue	Carc. 1B	295-535-1	92062-20-9							H350	
92.	Tar, coal, high-temperature, residues; Coal tar solids residue	Carc. 1B	309-726-5	100684-51-3							H350	
94.	Asbestos	Carc. 1A	–	12001-28-4 [1] 132207-32-0 [2] 12172-73-5 [3]	0.1 sol/cm ³ air [7]						H350	

				77536-66-4 [4] 77536-68-6 [5] 77536-67-5 [6] 12001-29-5 [7]								
95.	Azobenzene	Carc. 1B Muta. 2	203-102-5	103-33-3							H350 H341	
96.	Benomyl (ISO); methyl 1-(butylcarbamoyl) benzimidazol-2-ylcarbamate	Muta. 1B	241-775-7	17804-35-2							H340	
97.	Benz[a]anthracene	Carc. 1B	200-280-6	56-55-3							H350	
98.	Benz[e]acephenanthrylene	Carc. 1B	205-911-9	205-99-2							H350	
99.	Benzo[j]fluoranthene	Carc. 1B	205-910-3	205-82-3							H350	
100.	Benzo[k]fluoranthene	Carc. 1B	205-919-6	207-08-9							H350	
101.	Benzidine, 1,1'-biphenyl-4,4'-diamine; biphenyl-4,4'-ylenediamine	Carc. 1A	202-199-1	92-87-5							H350	
102.	Salts of benzidine	Carc. 1A	208-519-6 [1] 208-520-1 [2] 244-236-4 [3] 252-984-8 [4]	531-85-1 [1] 531-86-2 [2] 21136-70-9 [3] 36341-27-2 [4]							H350	
103.	Benzidine based azo dyes; 4,4'-diarylazobiphenyl dyes, with the exception of those specified elsewhere in this list	Carc. 1B	—	—							H350	
104.	Benzyl chloride, α -chlorotoluene	Carc. 1B	202-853-6	100-44-7	5						H350	
105.	Benzo[a]pyrene Benzo[def]chrysene	Carc. 1B Muta. 1B	200-028-5	50-32-8	0.00015						H340 H350	
106.	Benzo[e]pyrene	Carc. 1B	205-892-7	192-97-2							H350	
107.	Gasoline, natural; Low boiling point naphtha	Carc. 1B Muta. 1B	232-349-1	8006-61-9							H350 H340	

108.	Gasoline, vapour-recovery; Low boiling point naphtha	Carc. 1B Muta. 1B	271-025-4	68514-15-8							H340 H350	
109.	Gasoline, pyrolysis, debutaniser bottoms; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-726-5	68606-10-0							H350 H340	
110.	Gasoline, straight-run, topping-plant; Low boiling point naphtha	Carc. 1B Muta. 1B	271-727-0	68606-11-1							H350 H340	
111.	Gasoline; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	289-220-8	86290-81-5							H350 H340	
112.	Gasoline, C ₅₋₁₁ , high-octane stabilised reformed; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	297-458-9	93572-29-3							H350 H340	
113.	Gasoline, pyrolysis, hydrogenated; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	302-639-3	94114-03-1							H350 H340	
114.	Gasoline, coal solvent extraction, hydrocracked naphtha	Carc. 1B	302-691-7	94114-55-3							H350	
115.	Benzene	Carc. 1A Muta. 1B	200-753-7	71-43-2	3.25	1					H350 H340	Skin ⁽¹⁰⁾
116.	Benzol forerunnings (coal); Light oil redistillate, low boiling	Carc. 1B Muta. 1B	266-023-5	65996-88-5							H350 H340	
117.	Benzotrichloride	Carc. 1B	202-634-5	98-07-7							H350	
118.	Beryllium and beryllium compounds	Carc. 1B	231-150-7	7440-41-7	0.001						H350i	
118. ¹	Beryllium and inorganic beryllium compounds	Carc. 1B			0.0002 ⁽⁹⁾						H350i	Substance may cause skin or respiratory sensitisation
119.	Beryllium oxide	Carc. 1B	215-133-1	1304-56-9							H350i	
120.	2,2'-bioxirane; 1,2:3,4-diepoxybutane	Carc. 1B Muta. 1B	215-979-1	1464-53-5							H350 H340	
121.	4,4'-bi-o-toluidine	Carc. 1B	204-358-0	119-93-7							H350	
122.	Salts of 4,4'-bi-o-toluidine	Carc. 1B	210-322-5	612-82-8							H350	
123.	4,4'-bis(dimethylamino)benzophenone; Michler's ketone	Carc. 1B	202-027-5	90-94-8							H350	
124.	Bis(chloromethyl)ether (oxybis(chloromethane)) and chloromethyl ether technical product	Carc. 1A	208-832-8	542-88-1, 107-30-2							H350	
125.	Tar brown-coal	Carc. 1A	309-885-0	101316-83-0							H350	

126.	Tar acids, brown-coal, C ₂ -alkylphenol fraction; Distillate phenols	Carc. 1B Muta. 1B	302-662-9	94114-29-1							H350 H340	
127.	Tar acids, brown-coal, crude; Crude phenols	Carc. 1B Muta. 1B	309-888-7	101316-86-3							H350 H340	
128.	Tar acids, brown-coal gasification; Crude phenols	Carc. 1B Muta. 1B	295-536-7	92062-22-1							H350 H340	
129.	1,3-butadiene; buta-1,3-diene	Carc. 1A Muta. 1B	203-450-8	106-99-0	2.2	1					H350 H340	
130.	Butane (containing ≥ 0.1 % butadiene)	Carc. 1A Muta. 1B	203-448-7	106-97-8	300						H350 H340	
131.	C.I. Basic Violet 3 with ≥ 0.1 % of Michler's ketone	Carc. 1B	208-953-6	548-62-9							H350	
132.	Waste solids, coal-tar pitch coking; Coal tar solids residue	Carc. 1B	295-549-8	92062-34-5							H350	
133.	Hardwood dust		–	–	2 ⁽⁸⁾							OEV 3 mg/m ³ until 17 January 2023
134.	Zinc chromates including zinc potassium chromate	Carc. 1A	–	–							H350	
135.	Natural gas condensates (petroleum); Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-047-3	64741-47-5							H350 H340	
136.	Natural gas (petroleum), raw liquid mix; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-048-9	64741-48-6							H350 H340	
137.	Natural gas condensates; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	272-896-3	68919-39-1							H350 H340	
138.	Tar bases, quinoline derivatives; Distillate bases	Carc. 1B Muta. 1B	271-020-7	68513-87-1							H350 H340	
139.	Tar bases (coal), aniline fraction; Distillate bases	Carc. 1B Muta. 1B	295-541-4	92062-27-6							H350 H340	
140.	Tar bases (coal), collidine fraction; Distillate bases	Carc. 1B Muta. 1B	295-543-5	92062-28-7							H350 H340	
141.	Tar bases (coal), picoline fraction; Distillate bases	Carc. 1B Muta. 1B	295-548-2	92062-33-4							H350 H340	
142.	Tar bases (coal), lutidine fraction; Distillate bases	Carc. 1B Muta. 1B	293-766-2	91082-52-9							H350 H340	
143.	Tar bases, coal, toluidine fraction; Distillate bases	Carc. 1B Muta. 1B	293-767-8	91082-53-0							H350 H340	

144.	Tar oils, coal; Carbolic oil	Carc. 1B Muta. 1B	266-016-7	65996-82-9							H350 H340	
145.	Tar oils, brown-coal; Light oil	Carc. 1B Muta. 1B	302-674-4	94114-40-6							H350 H340	
146.	Tar acids, residues, distillates, first-cut; Distillate phenols	Carc. 1B Muta. 1B	270-713-1	68477-23-6							H350 H340	
147.	Tar acids, cresylic, residues; Distillate phenols	Carc. 1B Muta. 1B	271-418-0	68555-24-8							H350 H340	
148.	Tar acids, ethylphenol fraction; Distillate phenols	Carc. 1B Muta. 1B	284-891-3	84989-03-7							H350 H340	
149.	Tar acids, methylphenol fraction; Distillate phenols	Carc. 1B Muta. 1B	284-892-9	84989-04-8							H350 H340	
150.	Tar acids, polyalkylphenol fraction; Distillate phenols	Carc. 1B Muta. 1B	284-893-4	84989-05-9							H350 H340	
151.	Tar acids, xylene fraction; Distillate phenols	Carc. 1B Muta. 1B	284-895-5	84989-06-0							H350 H340	
152.	Tar acids, 3,5-xylene fraction; Distillate phenols	Carc. 1B Muta. 1B	284-896-0	84989-07-1							H350 H340	
153.	Tar acids, cresylic; Distillate phenols	Carc. 1B Muta. 1B	295-540-9	92062-26-5							H350 H340	
154.	Tar acids, distillation residues; Distillate phenols	Carc. 1B Muta. 1B	306-251-5	96690-55-0							H350	
155.	Fuel gases; petroleum gas (A combination of light gases. It consists predominantly of hydrogen and/or low molecular weight hydrocarbons)	Carc. 1B Muta. 1B	270-667-2	68476-26-6							H350 H340	
156.	Fuel gases, crude oil of distillates, petroleum gas	Carc. 1A Muta. 1B	270-670-9	68476-29-9							H350 H340	
157.	Fuel oil, residues-straight-run gas oils, high-sulfur; Heavy fuel oil	Carc. 1B	270-674-0	68476-32-4							H350	
158.	Fuel oil, residual; Heavy fuel oil	Carc. 1B	270-675-6	68476-33-5							H350	
159.	Fuel oil, No 6; Heavy fuel oil	Carc. 1B	271-384-7	68553-00-4							H350	
160.	Distillates (petroleum), light paraffinic; Unrefined or mildly refined base oil	Carc. 1B	265-051-5	64741-50-0							H350	
161.	Distillates (petroleum), heavy paraffinic; Unrefined or mildly refined base oil	Carc. 1A	265-052-0	64741-51-1							H350	

162.	Distillates (petroleum), light naphthenic; Unrefined or mildly refined base oil	Carc. 1A	265-053-6	64741-52-2							H350	
163.	Distillates (petroleum), heavy naphthenic; Unrefined or mildly refined base oil	Carc. 1A	265-054-1	64741-53-3							H350	
164.	Distillates (petroleum), light catalytic cracked; Cracked gas oil	Carc. 1B	265-060-4	64741-59-9							H350	
165.	Distillates (petroleum), intermediate catalytic cracked; Cracked gas oil	Carc. 1B	265-062-5	64741-60-2							H350	
166.	Distillates (petroleum), heavy catalytic cracked; Heavy fuel oil	Carc. 1B	265-063-0	64741-61-3							H350	
167.	Distillates (petroleum), heavy hydrocracked; Base oil – unspecified	Carc. 1B	265-077-7	64741-76-0							H350	
168.	Distillates (petroleum), heavy thermal cracked; Heavy fuel oil	Carc. 1B	265-082-4	64741-81-7							H350	
169.	Distillates (petroleum), solvent-refined heavy paraffinic; Base oil – unspecified	Carc. 1B	265-090-8	64741-88-4							H350	
170.	Distillates (petroleum), light thermal cracked; Cracked gas oil	Carc. 1B	265-084-5	64741-82-8							H350	
171.	Distillates (petroleum), sweetened middle; Gas oil (unspecified)	Carc. 1B	265-088-7	64741-86-2							H350	
172.	Distillates (petroleum), solvent-refined light paraffinic; Base oil – unspecified	Carc. 1B	265-091-3	64741-89-5							H350	
173.	Distillates (petroleum), solvent-refined middle; Gas oil (unspecified)	Carc. 1B	265-093-4	64741-91-9							H350	
174.	Residual oils (petroleum), solvent deasphalted; Base oil – unspecified	Carc. 1B	265-096-0	64741-95-3							H350	
175.	Distillates (petroleum), solvent-refined heavy naphthenic; Base oil – unspecified	Carc. 1B	265-097-6	64741-96-4							H350	
176.	Distillates (petroleum), solvent-refined light naphthenic; Base oil – unspecified	Carc. 1B	265-098-1	64741-97-5							H350	
177.	Distillates (petroleum), acid-treated middle; Gas oil (unspecified)	Carc. 1B	265-113-1	64742-13-8							H350	
178.	Distillates (petroleum), acid-treated light; Gas oil (unspecified)	Carc. 1B	265-114-7	64742-14-9							H350	
179.	Distillates (petroleum), acid-treated heavy naphthenic; Unrefined or mildly refined base oil	Carc. 1A	265-117-3	64742-18-3							H350	

180.	Distillates (petroleum), acid-treated light naphthenic; Unrefined or mildly refined base oil	Carc. 1A	265-118-9	64742-19-4							H350	
181.	Distillates (petroleum), acid-treated heavy paraffinic; Unrefined or mildly refined base oil	Carc. 1A	265-119-4	64742-20-7							H350	
182.	Distillates (petroleum), acid-treated light paraffinic; Unrefined or mildly refined base oil	Carc. 1A	265-121-5	64742-21-8							H350	
183.	Distillates (petroleum), chemically neutralised heavy paraffinic; Unrefined or mildly refined base oil	Carc. 1A	265-127-8	64742-27-4							H350	
184.	Distillates (petroleum), chemically neutralised light paraffinic; Unrefined or mildly refined base oil	Carc. 1A	265-128-3	64742-28-5							H350	
185.	Distillates (petroleum), chemically neutralised middle; Gas oil (unspecified)	Carc. 1B	265-130-4	64742-30-9							H350	
186.	Distillates (petroleum), chemically neutralised heavy naphthenic; Unrefined or mildly refined base oil	Carc. 1A	265-135-1	64742-34-3							H350	
187.	Distillates (petroleum), chemically neutralised light naphthenic; Unrefined or mildly refined base oil	Carc. 1A	265-136-7	64742-35-4							H350	
188.	Distillates (petroleum), clay-treated heavy paraffinic; Base oil – unspecified	Carc. 1B	265-137-2	64742-36-5							H350	
189.	Distillates (petroleum), clay-treated light paraffinic; Base oil – unspecified	Carc. 1B	265-138-8	64742-37-6							H350	
190.	Distillates (petroleum), clay-treated middle; Gas oil (unspecified)	Carc. 1B	265-139-3	64742-38-7							H350	
191.	Residual oils (petroleum), clay-treated; Base oil – unspecified	Carc. 1B	265-143-5	64742-41-2							H350	
192.	Distillates (petroleum), clay-treated heavy naphthenic; Base oil – unspecified	Carc. 1B	265-146-1	64742-44-5							H350	
193.	Distillates (petroleum), clay-treated light naphthenic; Base oil – unspecified	Carc. 1B	265-147-7	64742-45-6							H350	
194.	Distillates (petroleum), hydrotreated middle; Gas oil (unspecified)	Carc. 1B	265-148-2	64742-46-7							H350	
195.	Distillates (petroleum), hydrotreated heavy naphthenic; Base oil – unspecified	Carc. 1B	265-155-0	64742-52-5							H350	

196.	Distillates (petroleum), hydrotreated light naphthenic; Base oil – unspecified	Carc. 1B	265-156-6	64742-53-6							H350	
197.	Distillates (petroleum), hydrotreated heavy paraffinic; Base oil – unspecified	Carc. 1B	265-157-1	64742-54-7							H350	
198.	Distillates (petroleum), hydrotreated light paraffinic; Base oil – unspecified	Carc. 1B	265-158-7	64742-55-8							H350	
199.	Distillates (petroleum), solvent-dewaxed light paraffinic; Base oil – unspecified	Carc. 1B	265-159-2	64742-56-9							H350	
200.	Distillates (petroleum), solvent-dewaxed heavy naphthenic; Base oil – unspecified	Carc. 1B	265-167-6	64742-63-8							H350	
201.	Distillates (petroleum), solvent-dewaxed light naphthenic; Base oil – unspecified	Carc. 1B	265-168-1	64742-64-9							H350	
202.	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Base oil – unspecified	Carc. 1B	265-169-7	64742-65-0							H350	
203.	Distillates (petroleum), hydrodesulphurised middle; Gas oil (unspecified)	Carc. 1B	265-183-3	64742-80-9							H350	
204.	Distillates (coal tar), upper; Heavy anthracene oil	Carc. 1B	266-026-1	65996-91-0							H350	
205.	Distillates (coal tar); Heavy anthracene oil	Carc. 1B	266-027-7	65996-92-1							H350	
206.	Distillates (petroleum), heavy aromatic; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	267-563-4	67891-79-6							H350 H340	
207.	Distillates (petroleum), light aromatic; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	267-565-5	67891-80-9							H350 H340	
208.	Distillates (coal-petroleum), condensed ring aromatics; Distillates	Carc. 1B	269-159-3	68188-48-7							H350	
209.	Distillates (petroleum), hydrodesulphurised light catalytic cracked; Cracked gas oil	Carc. 1B	269-781-5	68333-25-5							H350	
210.	Distillates (petroleum), hydrodesulphurised intermediate catalytic cracked; Heavy fuel oil	Carc. 1B	269-783-6	68333-27-7							H350	
211.	Distillates (petroleum), hydrodesulphurised heavy catalytic cracked; Heavy fuel oil	Carc. 1B	269-784-1	68333-28-8							H350	
212.	Distillates (petroleum), straight-run light; Low boiling point naphtha	Carc. 1B Muta. 1B	270-077-5	68410-05-9							H350 H340	
213.	Distillates (petroleum), hydrotreated middle, intermediate boiling; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	270-092-7	68410-96-8							H350 H340	

214.	Distillates (petroleum), light distillate hydrotreating process, low-boiling; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	270-093-2	68410-97-9							H350 H340	
215.	Distillates (petroleum), hydrotreated heavy naphtha, deisohexaniser overheads; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	270-094-8	68410-98-0							H350 H340	
216.	Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	270-344-6	68425-29-6							H350 H340	
217.	Distillates (petroleum), catalytic reformed depentaniser; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	270-660-4	68475-79-6							H350 H340	
218.	Distillates (petroleum), light steam-cracked naphtha; Cracked gas oil	Carc. 1B	270-662-5	68475-80-9							H350	
219.	Distillates (petroleum), catalytic reformer fractionator residue, high-boiling; Gas oil (unspecified)	Carc. 1B	270-719-4	68477-29-2							H350	
220.	Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling; Gas oil (unspecified)	Carc. 1B	270-721-5	68477-30-5							H350	
221.	Distillates (petroleum), catalytic reformer fractionator residue, low-boiling; Gas oil (unspecified)	Carc. 1B	270-722-0	68477-31-6							H350	
222.	Distillates (petroleum), C ₃₋₅ , 2-methyl-2-butene-rich; Low boiling point naphtha – unspecified	Carc. 1B Muta. 1B	270-725-7	68477-34-9							H350 H340	
223.	Distillates (petroleum), C ₃₋₆ , piperylene-rich; Petroleum gas	Carc. 1A Muta. 1B	270-726-2	68477-35-0							H350 H340	
224.	Distillates (petroleum), cracked steam-cracked petroleum distillates; Cracked gas oil	Carc. 1B	270-727-8	68477-38-3							H350	
225.	Distillates (petroleum), polymerised steam-cracked petroleum distillates, C ₅₋₁₂ fraction; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-735-1	68477-50-9							H350 H340	
226.	Distillates (petroleum), steam-cracked, C ₅₋₁₂ fraction; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-736-7	68477-53-2							H350 H340	
227.	Distillates (petroleum), steam-cracked, C ₅₋₁₀ fraction, mixed with light steam-cracked	Carc. 1B Muta. 1B	270-738-8	68477-55-4							H350 H340	

	petroleum naphtha C ₅ fraction; Low boiling point naphtha (unspecified)											
228.	Distillates (petroleum), depentaniser overheads; Low boiling point naphtha (unspecified)	Carc. 1B	270-771-8	68477-89-4							H350	
229.	Distillates (petroleum), catalytic reformed straight-run naphtha overheads; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	271-008-1	68513-63-3							H350 H340	
230.	Distillates (petroleum), thermal cracked naphtha and gas oil; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	271-631-9	68603-00-9							H350 H340	
231.	Distillates (petroleum), thermal cracked naphtha and gas oil, C ₅ -dimer-containing; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	271-632-4	68603-01-0							H350 H340	
232.	Distillates (petroleum), thermal cracked naphtha and gas oil, extractive; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	271-634-5	68603-03-2							H350 H340	
233.	Distillates (petroleum), light straight-run gasoline fractionation stabiliser overheads; Low boiling point naphtha	Carc. 1B Muta. 1B	272-931-2	68921-08-4							H350 H340	
234.	Distillates (petroleum), naphtha unifiner stripper; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	272-932-8	68921-09-5							H350 H340	
235.	Distillates (petroleum), petroleum residues vacuum; Heavy fuel oil	Carc. 1B	273-263-4	68955-27-1							H350	
236.	Distillates (petroleum), light thermal cracked, debutanised aromatic; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	273-266-0	68955-29-3							H350 H340	
237.	Distillates (petroleum), intermediate vacuum; Heavy fuel oil	Carc. 1B	274-683-0	70592-76-6							H350	
238.	Distillates (petroleum), light vacuum; Heavy fuel oil	Carc. 1B	274-684-6	70592-77-7							H350	
239.	Distillates (petroleum), vacuum; Heavy fuel oil	Carc. 1B	274-685-1	70592-78-8							H350	
240.	Distillates (coal tar), benzole fraction; Light oil	Carc. 1B	283-482-7	84650-02-2							H350	
241.	Distillates (coal tar), light oils; Carbolic oil	Carc. 1B Muta. 1B	283-483-2	84650-03-3							H350 H340	
242.	Distillates (coal tar), naphthalene oils; Naphthalene oil	Carc. 1B Muta. 1B	283-484-8	84650-04-4							H350 H340	

243.	Distillates (coal tar), naphthalene oils, naphthalene-low; Naphthalene oil redistillate	Carc. 1B Muta. 1B	284-898-1	84989-09-3							H350 H340	
244.	Distillates (coal tar), upper, fluorene-free; Wash oil redistillate	Carc. 1B	284-899-7	84989-10-6							H350	
245.	Distillates (coal tar), upper, fluorene-rich; Wash oil redistillate	Carc. 1B	284-900-0	84989-11-7							H350	
246.	Distillates (coal), coke-oven light oil, naphthalene cut; Naphthalene oil	Carc. 1B	285-076-5	85029-51-2							H350	
247.	Distillates (petroleum), hydrodesulphurised thermal cracked middle; Cracked gas oil	Carc. 1B	285-505-6	85116-53-6							H350	
248.	Distillates (petroleum), catalytic reformed hydrotreated light; C8-12 aromatic fraction; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	285-509-8	85116-58-1							H350 H340	
249.	Distillates (coal tar), heavy oils; Heavy anthracene oil	Carc. 1B	292-607-4	90640-86-1							H350	
250.	Distillates (coal tar), light oils, alkaline extracts; Light oil extract residues, high boiling	Carc. 1B Muta. 1B	292-609-5	90640-87-2							H350 H340	
251.	Distillates (coal tar), light oils, alkaline extracts; Alkaline extract	Carc. 1B Muta. 1B	292-610-0	90640-88-3							H350 H340	
252.	Distillates (coal tar), naphthalene oils, alkaline extracts; Alkaline extract	Carc. 1B Muta. 1B	292-611-6	90640-89-4							H350 H340	
253.	Distillates (coal tar), naphthalene oils, naphthalene-free, alkaline extracts; Naphthalene oil extract residue	Carc. 1B Muta. 1B	292-612-1	90640-90-7							H350 H340	
254.	Distillates (petroleum), complex dewaxed heavy paraffinic; Base oil – unspecified	Carc. 1B	292-613-7	90640-91-8							H350	
255.	Distillates (petroleum), complex dewaxed light paraffinic; Base oil – unspecified	Carc. 1B	292-614-2	90640-92-9							H350	
256.	Distillates (petroleum), highly refined middle; Gas oil – unspecified	Carc. 1B	292-615-8	90640-93-0							H350	
257.	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Base oil – unspecified	Carc. 1B	292-616-3	90640-94-1							H350	
258.	Distillates (petroleum), solvent-dewaxed light paraffinic clay-treated; Base oil – unspecified	Carc. 1B	292-618-4	90640-96-3							H350	

259.	Distillates (petroleum), solvent-dewaxed light paraffinic, hydrotreated; Base oil – unspecified	Carc. 1B	292-620-5	90640-97-4							H350	
260.	Distillates (petroleum), alkene-alkyne manufacture pyrolysis oil, mixed with high-temperature coal tar, indene fraction; Redistillates	Carc. 1B Muta. 1B	295-292-1	91995-31-2							H350 H340	
261.	Distillates (petroleum) catalytic reformer, heavy aromatic concentrate; Gas oil (unspecified)	Carc. 1B	295-294-2	91995-34-5							H350	
262.	Distillates (coal), coal tar-residual pyrolysis oils, naphthalene oils; Redistillates	Carc. 1B Muta. 1B	295-295-8	91995-35-6							H350 H340	
263.	Distillates (petroleum), dewaxed heavy paraffinic, hydrotreated; Base oil – unspecified	Carc. 1B	295-300-3	91995-39-0							H350	
264.	Distillates (petroleum), dewaxed light paraffinic, hydrotreated; Base oil – unspecified	Carc. 1B	295-301-9	91995-40-3							H350	
265.	Distillates (petroleum), heat-soaked steam-cracked naphtha, C ₅ -rich; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-302-4	91995-41-4							H350 H340	
266.	Distillates (coal tar), heavy oils, pyrene fraction; Heavy anthracene oil redistillate	Carc. 1B	295-304-5	91995-42-5							H350	
267.	Distillates (petroleum), hydrocracked solvent-refined, dewaxed; Base oil – unspecified	Carc. 1B	295-306-6	91995-45-8							H350	
268.	Distillates (coal tar), naphthalene oils, acid extracts; Methyl naphthalene oil extract residue	Carc. 1B Muta. 1B	295-309-2	91995-48-1							H350 H340	
269.	Distillates (coal tar), naphthalene oil crystallisation mother liquor; Naphthalene oil redistillate	Carc. 1B Muta. 1B	295-310-8	91995-49-2							H350 H340	
270.	Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light aromatic; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	295-311-3	91995-50-5							H350 H340	
271.	Distillates (coal tar), pitch, heavy oils; Heavy anthracene oil	Carc. 1B	295-312-9	91995-51-6							H350	
272.	Distillates (coal tar), pitch, pyrene fraction; Heavy anthracene oil redistillate	Carc. 1B	295-313-4	91995-52-7							H350	
273.	Distillates (petroleum), naphtha steam cracking-derived, solvent-refined light hydrotreated; Low boiling point modified naphtha	Carc. 1B Muta. 1B	295-315-5	91995-53-8							H350 H340	

274.	Distillates (petroleum), solvent-refined light naphthenic, hydrotreated; Base oil – unspecified	Carc. 1B	295-316-0	91995-54-9							H350	
275.	Distillates (petroleum), intermediate catalytic cracked, thermally degraded; Heavy fuel oil	Carc. 1B	295-990-6	92201-59-7							H350	
276.	Distillates (petroleum), light catalytic cracked, thermally degraded; Cracked gas oil	Carc. 1B	295-991-1	92201-60-0							H350	
277.	Distillates (petroleum), C ₆ -rich; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	296-903-4	93165-19-6							H350 H340	
278.	Distillates (coal), liquid solvent extraction, primary	Carc. 1B Muta. 1B	302-688-0	94114-52-0							H350 H340	
279.	Distillates (coal), solvent extraction, hydrocracked	Carc. 1B Muta. 1B	302-689-6	94114-53-1							H350 H340	
280.	Distillates (coal), solvent extraction, hydrocracked middle	Carc. 1B Muta. 1B	302-692-2	94114-56-4							H350 H340	
281.	Distillates (coal), solvent extraction, hydrocracked hydrogenated middle	Carc. 1B Muta. 1B	302-693-8	94114-57-5							H350 H340	
282.	Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated; Base oil – unspecified	Carc. 1B	305-588-5	94733-08-1							H350	
283.	Distillates (petroleum), solvent-refined hydrocracked light; Base oil – unspecified	Carc. 1B	305-589-0	94733-09-2							H350	
284.	Distillates (petroleum), steam-cracked, C ₈₋₁₂ fraction, polymerisation, distillation lights; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	305-750-5	95009-23-7							H350 H340	
285.	Distillates (petroleum), hydrocracked solvent-refined light; Base oil – unspecified	Carc. 1B	307-010-7	97488-73-8							H350	
286.	Distillates (petroleum), solvent-refined hydrogenated heavy; Base oil – unspecified	Carc. 1B	307-011-2	97488-74-9							H350	
287.	Distillates (petroleum), carbon-treated light paraffinic; Gas oil (unspecified)	Carc. 1B	309-667-5	100683-97-4							H350	
288.	Distillates (petroleum), intermediate paraffinic, carbon-treated; Gas oil (unspecified)	Carc. 1B	309-668-0	100683-98-5							H350	
289.	Distillates (petroleum), intermediate paraffinic, clay-treated; Gas oil (unspecified)	Carc. 1B	309-669-6	100683-99-6							H350	
290.	Distillates (coal tar), pitch; Heavy anthracene oil	Carc. 1B	309-855-7	101316-49-8							H350	

291.	Distillates (petroleum), C ₇₋₉ , C ₈ -rich, hydrodesulphurised dearomatised; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	309-862-5	101316-56-7							H350 H340	
292.	Distillates (petroleum), hydrodesulphurised full-range middle; Heavy fuel oil	Carc. 1B	309-863-0	101316-57-8							H350	
293.	Distillates (petroleum), hydrodesulphurised middle coker; Cracked gas oil	Carc. 1B	309-865-1	101316-59-0							H350	
294.	Distillates (petroleum), heavy steam-cracked; Cracked gas oil	Carc. 1B	309-939-3	101631-14-5							H350	
295.	Distillates (coal tar), light oils, neutral fraction; Light oil extract residues, high boiling	Carc. 1B Muta. 1B	309-971-8	101794-90-5							H350 H340	
296.	Distillates (coal tar), naphthalene oils, indole-methylnaphthalene fraction; Methylnaphthalene oil	Carc. 1B Muta. 1B	309-972-3	101794-91-6							H350 H340	
297.	Distillates (coal tar), benzole fraction, BTX-rich; Light oil redistillate, low boiling	Carc. 1B Muta. 1B	309-984-9	101896-26-8							H350 H340	
298.	Distillates (coal tar), naphthalene oils, methylnaphthalene fraction; Methylnaphthalene oil	Carc. 1B Muta. 1B	309-985-4	101896-27-9							H350 H340	
299.	Distillates (coal tar), benzole fraction, distillation residues; Wash oil	Carc. 1B Muta. 1B	310-165-3	121620-46-0							H350 H340	
300.	2,4-diaminoanisole sulphate	Carc. 1B Muta. 2	254-323-9	39156-41-7							H350 H341	
301.	2,4-diaminoanisole; 4-methoxy-m-phenylenediamine	Carc. 1B Muta. 2	210-406-1	615-05-4							H350 H341	
302.	4,4'-methylenedianiline, 4,4'-diaminodiphenylmethane	Carc. 1B Muta. 2	202-974-4	101-77-9	0.08						H350 H341	Skin ⁽¹⁰⁾
302. ¹	4,4'-methylene bis (2-chloroaniline)	Carc. 1B	202-918-9	101-14-4	0.01						H350	Skin ⁽¹⁰⁾
303.	Diaminotoluene, technical product – mixture of [2] and [3], methylphenylenediamine [1], 4-methyl-m-phenylenediamine [2], 2-methyl-m-phenylenediamine	Carc. 1B Muta. 2	246-910-3	25376-45-8							H350 H341	
304.	o-dianisidine based azo dyes; 4,4'-diarylaZO-3,3'-dimethoxybiphenyl dyes with the exception of those mentioned elsewhere in this list	Carc. 1B	–	–							H350	
305.	Diarsenic trioxide; arsenic trioxide	Carc. 1A	215-481-4	1327-53-3							H350	

306.	Arsenic pentoxide; arsenic oxide	Carc. 1A	215-116-9	1303-28-2							H350	
307.	Diazomethane	Carc. 1B	206-382-7	334-88-3							H350	
308.	Dibenz[a, h]anthracene	Carc. 1B	200-181-8	53-70-3							H350	
309.	[18 February 2021]											
310.	1,2-dibromo-3-chloropropane	Carc. 1B Muta. 1B	202-479-3	96-12-8							H350 H340	
311.	2,3-dibromopropan-1-ol, 2,3-dibromo-1-propanol	Carc. 1B	202-480-9	96-13-9							H350	
312.	Diethyl sulphate	Carc. 1B Muta. 1B	200-589-6	64-67-5							H350 H340	
313.	3,3'-dichlorobenzidine	Carc. 1B	202-109-0	91-94-1							H350	
314.	Salts of 3,3'-dichlorobenzidine; salts of 3,3'- dichlorobiphenyl-4,4'-ylenediamine	Carc. 1B	210-323-0 [1] 265-293-1 [2] 277-822-3 [3]	612-83-9 [1] 64969-34-2 [2] 74332-73-3 [3]							H350	
315.	1,4-dichlorobut-2-ene	Carc. 1B	212-121-8	764-41-0							H350	
316.	2,2'-dichloro-4,4'-methylenedianiline	Carc. 1B	202-918-9	101-14-4							H350	
317.	Salts of 2,2'-dichloro-4,4'-methylenedianiline; salts of 4,4'-methylene bis(2-chloroaniline)	Carc. 1B	—	—							H350	
318.	1,3-dichloropropene-2	Carc. 1B	202-491-9	96-23-1							H350	
319.	Dichromium tris(chromate), chromium III chromate, chromic chromate	Carc. 1B	246-356-2	24613-89-6							H350	
320.	Salts of 3,3'-dimethylbenzidine	Carc. 1B	265-294-7	64969-36-4							H350	
321.	1,1-dimethylhydrazine, N,N-dimethylhydrazine	Carc. 1B	200-316-0	57-14-7							H350	
322.	1,2-dimethylhydrazine, N,N-dimethylhydrazine	Carc. 1B	—	540-73-8							H350	
323.	Dimethylcarbonyl chloride Dimethylcarbonyl chloride	Carc. 1B	201-208-6	79-44-7							H350	
324.	Dimethyl sulphate	Carc. 1B Muta. 2	201-058-1	77-78-1	0.1						H350 H341	
325.	Dimethylsulfamoylchloride	Carc. 1B	236-412-4	13360-57-1							H350	
326.	3,3'-dimethoxybenzidine	Carc. 1B	204-355-4	119-90-4							H350	
327.	Salts of 3,3'-dimethoxybenzidine	Carc. 1B	—	—							H350	
328.	Dinickel trioxide	Carc. 1A	215-217-8	1314-06-3							H350i	

329.	2,4-dinitrotoluene; dinitrotoluene, technical grade (1); dinitrotoluene (2)	Carc. 1B Muta. 2	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	1							H350 H341	
330.	2,3-dinitrotoluene	Carc. 1B Muta. 2	210-013-5	602-01-7								H350 H341	
331.	2,6-dinitrotoluene	Carc. 1B Muta. 2	210-106-0	606-20-2	1							H350 H341	
332.	3,4-dinitrotoluene	Carc. 1B Muta. 2	210-222-1	610-39-9	1							H350 H341	
333.	3,5-dinitrotoluene	Carc. 1B Muta. 2	210-566-2	618-85-9								H350 H341	
334.	2,5-dinitrotoluene	Carc. 1B Muta. 2	210-581-4	619-15-8								H350 H341	
335.	Extract residues (coal), light oil alkaline, distillation overheads; Light oil extract residues, low boiling	Carc. 1B Muta. 1B	292-625-2	90641-02-4								H350 H340	
336.	Extract residues (coal), light oil alkaline, indene naphtha fraction; Light oil extract residues, high boiling	Carc. 1B Muta. 1B	292-626-8	90641-03-5								H350 H340	
337.	Extract residues (coal), benzole fraction alkaline, acid extract; Light oil extract residues, low boiling	Carc. 1B Muta. 1B	295-323-9	91995-61-8								H350 H340	
338.	Extract residues (coal), benzole fraction acid; Light oil extract residues, low boiling	Carc. 1B Muta. 1B	298-725-2	93821-38-6								H350 H340	
339.	Extract residues (coal tar), benzole fraction alkaline, acid extract; Light oil extract residues, low boiling	Carc. 1B Muta. 1B	309-868-8	101316-63-6								H350 H340	
340.	Extract oils (coal), light oil; Acid extract	Carc. 1B Muta. 1B	292-622-6	90640-99-6								H350 H340	
341.	Extract residues (coal), tar oil alkaline; Carbolic oil extract residue	Carc. 1B Muta. 1B	266-021-4	65996-87-4								H350 H340	
342.	Extract residues (coal), tar oil alkaline, naphthalene distn. residues; Naphthalene oil extract residue	Carc. 1B Muta. 1B	277-567-8	73665-18-6								H350 H340	
343.	Extract residues (coal), light oil alkaline, acid extract; Carbolic oil extract residue	Carc. 1B Muta. 1B	292-624-7	90641-01-3								H350 H340	

344.	Extract residues (coal), naphthalene oil alkaline, distillation overheads; Naphthalene oil extract residue	Carc. 1B Muta. 1B	292-627-3	90641-04-6							H350 H340	
345.	Extract residues (coal), tar oil alkaline, carbonated, limed; Crude phenols	Carc. 1B Muta. 1B	292-629-4	90641-06-8							H350 H340	
346.	Extract residues (coal), brown; Coal tar extract	Carc. 1B	294-285-0	91697-23-3							H350	
347.	Extract residues (coal), light oil alkaline, acid extract, indene fraction; Light oil extract residues, intermediate boiling	Carc. 1B Muta. 1B	309-867-2	101316-62-5							H350 H340	
348.	Extract residues (coal), naphthalene oil, alkaline; Naphthalene oil extract residue	Carc. 1B Muta. 1B	310-166-9	121620-47-1							H350 H340	
349.	Extract residues (coal), naphthalene oil alkaline, naphthalene-low; Naphthalene oil extract residue	Carc. 1B Muta. 1B	310-167-4	121620-48-2							H350 H340	
350.	Extract residues (coal), creosote oil acid; Wash oil extract residue	Carc. 1B	310-189-4	122384-77-4							H350	
351.	Extract residues (coal), low temp. coal tar alk.	Carc. 1B Muta. 1B	310-191-5	122384-78-5							H350 H340	
352.	Extract oils (coal), tar base; Acid extract	Carc. 1B Muta. 1B	266-020-9	65996-86-3							H350 H340	
353.	Extract oils (coal), tar base, collidine fraction; Distillate bases	Carc. 1B Muta. 1B	273-077-3	68937-63-3							H350 H340	
354.	Extract oils (coal), naphthalene oils; Acid extract	Carc. 1B Muta. 1B	292-623-1	90641-00-2							H350 H340	
355.	Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oil, redistillate; Redistillates	Carc. 1B Muta. 1B	295-329-1	91995-66-3							H350 H340	
356.	Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oils; Redistillates	Carc. 1B Muta. 1B	310-170-0	122070-79-5							H350 H340	
357.	Extract oils (coal), coal tar residual pyrolysis oils, naphthalene oil, distillation residues; Redistillates	Carc. 1B Muta. 1B	310-171-6	122070-80-8							H350 H340	
358.	Extracts (petroleum), light naphthenic distillate solvent	Carc. 1B	265-102-1	64742-03-6							H350	
359.	Extracts (petroleum), heavy paraffinic distillate solvent	Carc. 1B	265-103-7	64742-04-7							H350	

360.	Extracts (petroleum), light paraffinic distillate solvent	Carc. 1B	265-104-2	64742-05-8							H350	
361.	Extracts (petroleum), heavy naphthenic distillate solvent	Carc. 1B	265-111-0	64742-11-6							H350	
362.	Extracts, coal tar oil alkaline; Alkaline extract	Carc. 1B Muta. 1B	266-017-2	65996-83-0							H350 H340	
363.	Extracts (petroleum), cold-acid, C ₄₋₆ ; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-741-4	68477-61-2							H350 H340	
364.	Extracts (petroleum), heavy naphthenic distillate solvent, aromatic concentrate; Distillate aromatic extract (treated)	Carc. 1B	272-175-3	68783-00-6							H350	
365.	Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent; Distillate aromatic extract (treated)	Carc. 1B	272-180-0	68783-04-0							H350	
366.	Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted; Distillate aromatic extract (treated)	Carc. 1B	272-342-0	68814-89-1							H350	
367.	Extracts (petroleum), heavy naphthenic distillate solvent, hydrotreated; Distillate aromatic extract (treated)	Carc. 1B	292-631-5	90641-07-9							H350	
368.	Extracts (petroleum), heavy paraffinic distillate solvent, hydrotreated; Distillate aromatic extract (treated)	Carc. 1B	292-632-0	90641-08-0							H350	
369.	Extracts (petroleum), light paraffinic distillate solvent, hydrotreated; Distillate aromatic extract (treated)	Carc. 1B	292-633-6	90641-09-1							H350	
370.	Extracts (petroleum), catalytic reformed light naphtha solvent; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-331-2	91995-68-5							H350 H340	
371.	Extracts (petroleum), hydrotreated light paraffinic distillate solvent; Distillate aromatic extract (treated)	Carc. 1B	295-335-4	91995-73-2							H350	
372.	Extracts (petroleum), light naphthenic distillate solvent, hydrodesulphurised; Distillate aromatic extract (treated)	Carc. 1B	295-338-0	91995-75-4							H350	

373.	Extracts (petroleum), light paraffinic distillate solvent, acid-treated; Distillate aromatic extract (treated)	Carc. 1B	295-339-6	91995-76-5							H350	
374.	Extracts (petroleum), light paraffinic distillate solvent, hydrodesulphurised; Distillate aromatic extract (treated)	Carc. 1B	295-340-1	91995-77-6							H350	
375.	Extracts (petroleum), light vacuum gas oil solvent	Carc. 1B	295-341-7	91995-78-7							H350	
376.	Extracts (petroleum), light vacuum gas oil solvent, hydrotreated; Distillate aromatic extract (treated)	Carc. 1B	295-342-2	91995-79-8							H350	
377.	Extracts (petroleum), heavy paraffinic distillate solvent, clay-treated; Distillate aromatic extract (treated)	Carc. 1B	296-437-1	92704-08-0							H350	
378.	Extracts (petroleum), heavy naphthenic distillate solvent, hydrodesulphurised; Distillate aromatic extract (treated)	Carc. 1B	297-827-4	93763-10-1							H350	
379.	Extracts (petroleum), solvent-dewaxed heavy paraffinic distillate solvent, hydrodesulphurised; Distillate aromatic extract (treated)	Carc. 1B	297-829-5	93763-11-2							H350	
380.	Extracts (petroleum); heavy naphtha solvent, clay-treated; low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	308-261-5	97926-43-7							H350 H340	
381.	Extracts (petroleum), light paraffinic distillate solvent, carbon-treated; Distillate aromatic extract (treated)	Carc. 1B	309-672-2	100684-02-4							H350	
382.	Extracts (petroleum), light paraffinic distillate solvent, clay-treated; Distillate aromatic extract (treated)	Carc. 1B	309-673-8	100684-03-5							H350	
383.	Extracts (petroleum), light vacuum, gas oil solvent, carbon-treated; Distillate aromatic extract (treated)	Carc. 1B	309-674-3	100684-04-6							H350	
384.	Extracts (petroleum), light vacuum, gas oil solvent, clay-treated; Distillate aromatic extract (treated)	Carc. 1B	309-675-9	100684-05-7							H350	
385.	Epichlorohydrin (1-chloro-2,3-epoxypropane)	Carc. 1B	203-439-8	106-89-8	1.9						H350	Skin ⁽¹⁰⁾

386.	R-2,3-epoxy-1-propanol	Carc. 1B Muta. 2	404-660-4	57044-25-4							H350 H341	
387.	Erionite	Carc. 1A	—	12510-42-8							H350	
388.	Ethylene dibromide	Carc. 1B	203-444-5	106-93-4	0.8	0.1					H350	Skin ⁽¹⁰⁾
389.	Ethylene dichloride	Carc. 1B	203-458-1	107-06-2	8.2	2					H350	Skin ⁽¹⁰⁾
390.	Ethyleneimine; aziridine	Carc. 1B Muta. 1B	205-793-9	151-56-4	0.02						H350 H340	
391.	Ethylene oxide; oxirane	Carc. 1B Muta. 1B	200-849-9	75-21-8	1	0.55					H350 H340	Skin ⁽¹⁰⁾
392.	Phenanthrene, distillation residues; Heavy anthracene oil redistillate	Carc. 1B	310-169-5	122070-78-4							H350	
393.	Phenyl glycidyl ether; 2,3-epoxypropyl phenyl ether; 1,2-epoxy-3-phenoxypropane	Carc. 1B Muta. 2	204-557-2	122-60-1							H350 H341	
394.	Phenylhydrazine	Carc. 1B Muta. 2	202-873-5	100-63-0							H350 H341	
395.	Phenylhydrazine hydrochloride	Carc. 1B Muta. 2	248-259-0	27140-08-5							H350 H341	
396.	Phenylhydrazinium chloride	Carc. 1B Muta. 2	200-444-7	59-88-1							H350 H341	
397.	Phenylhydrazinium sulphate (2:1)	Carc. 1B Muta. 2	257-622-2	52033-74-6							H350 H341	
398.	Phenols, ammonia liquor extract; Alkaline extract	Carc. 1B Muta. 1B	284-881-9	84988-93-2							H350 H340	
399.	Phenols, C ₉₋₁₁ ; Distillate phenols	Carc. 1B Muta. 1B	293-435-2	91079-47-9							H350 H340	
399. ¹	Formaldehyde	Carc. 1B	200-001-8	50-00-0	0.37	0.3		0.74	0.6		H350	Substance may cause skin sensitisation
400.	Furan	Carc. 1B Muta. 2	203-727-3	110-00-9	0.5						H350 H341	
401.	Foots oil (petroleum); Foots oil	Carc. 1B	265-171-8	64742-67-2							H350	
402.	Foots oil (petroleum), hydrotreated; Foots oil	Carc. 1B	295-394-6	92045-12-0							H350	
403.	Foots oil (petroleum), acid-treated; Foots oil	Carc. 1B	300-225-7	93924-31-3							H350	
404.	Foots oil (petroleum), clay-treated; Foots oil	Carc. 1B	300-226-2	93924-32-4							H350	
405.	Foots oil (petroleum), carbon-treated; Foots oil	Carc. 1B	308-126-0	97862-76-5							H350	

406.	Foots oil (petroleum), silicic acid-treated; Foots oil	Carc. 1B	308-127-6	97862-77-6							H350	
407.	Gas oils (petroleum), heavy vacuum; Heavy fuel oil	Carc. 1B	265-058-3	64741-57-7							H350	
408.	Gas oils (petroleum), solvent-refined; Gas oil (unspecified)	Carc. 1B	265-092-9	64741-90-8							H350	
409.	Gas oils (petroleum), acid-treated; Gas oil (unspecified)	Carc. 1B	265-112-6	64742-12-7							H350	
410.	Gas oils (petroleum), chemically neutralised; Gas oil (unspecified)	Carc. 1B	265-129-9	64742-29-6							H350	
411.	Gas oils (petroleum), hydrotreated vacuum; Heavy fuel oil	Carc. 1B	265-162-9	64742-59-2							H350	
412.	Gas oils (petroleum), hydrodesulphurised; Gas oil (unspecified)	Carc. 1B	265-182-8	64742-79-6							H350	
413.	Gas oils (petroleum), hydrodesulphurised heavy vacuum; Heavy fuel oil	Carc. 1B	265-189-6	64742-86-5							H350	
414.	Gas oils (petroleum), heavy atmospheric; Heavy fuel oil	Carc. 1B	272-184-2	68783-08-4							H350	
415.	Gas oils (petroleum), hydrodesulphurised coker heavy vacuum; Heavy fuel oil	Carc. 1B	285-555-9	85117-03-9							H350	
416.	Gases (petroleum), C ₃₋₄ ; petroleum gas	Carc. 1A Muta. 1B	268-629-5	68131-75-9							H350 H340	
417.	Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber, petroleum gas	Carc. 1A Muta. 1B	269-617-2	68307-98-2							H350 H340	
418.	Tail gas (petroleum), catalytic polymerisation naphtha fractionation stabiliser; petroleum gas	Carc. 1A Muta. 1B	269-618-8	68307-99-3							H350 H340	
419.	Tail gas (petroleum), catalytic reformed naphtha fractionation stabiliser, hydrogen sulphide-free, petroleum gas	Carc. 1A Muta. 1B	269-619-3	68308-00-9							H350 H340	
420.	Tail gas (petroleum), cracked distillate hydrotreater stripper, petroleum gas	Carc. 1A Muta. 1B	269-620-9	68308-01-0							H350 H340	
421.	Tail gas (petroleum), gas oil catalytic cracking absorber, petroleum gas	Carc. 1A Muta. 1B	269-623-5	68308-03-2							H350 H340	
422.	Tail gas (petroleum), gas recovery plant, petroleum gas	Muta. 1B Carc. 1A	269-624-0	68308-04-3							H350 H340	

423.	Tail gas (petroleum), gas recovery plant deethaniser, petroleum gas	Carc. 1A Muta. 1B	269-625-6	68308-05-4							H350 H340	
424.	Tail gas (petroleum), hydrodesulphurised distillate and hydrodesulphurised naphtha fractionator, acid-free, petroleum gas	Carc. 1A Muta. 1B	269-626-1	68308-06-5							H350 H340	
425.	Tail gas (petroleum), hydrodesulphurised vacuum gas oil stripper, hydrogen sulphide-free, petroleum gas	Carc. 1A Muta. 1B	269-627-7	68308-07-6							H350 H340	
426.	Tail gas (petroleum), isomerised naphtha fractionation stabiliser, petroleum gas	Carc. 1A Muta. 1B	269-628-2	68308-08-7							H350 H340	
427.	Tail gas (petroleum), light straight-run naphtha stabiliser, hydrogen sulphide-free, petroleum gas	Carc. 1A Muta. 1B	269-629-8	68308-09-8							H350 H340	
428.	Tail gas (petroleum), straight-run distillate hydrodesulphuriser, hydrogen sulphide-free, petroleum gas	Carc. 1A Muta. 1B	269-630-3	68308-10-1							H350 H340	
429.	Tail gas (petroleum), propane-propylene alkylation feed prep deethaniser, petroleum gas	Carc. 1A Muta. 1B	269-631-9	68308-11-2							H350 H340	
430.	Tail gas (petroleum), vacuum gas oil hydrodesulphuriser, hydrogen sulphide-free, petroleum gas	Carc. 1A Muta. 1B	269-632-4	68308-12-3							H350 H340	
431.	Gases (petroleum), catalytic cracked overheads, petroleum gas	Carc. 1A Muta. 1B	270-071-2	68409-99-4							H350 H340	
432.	Gases (petroleum), amine system feed, refinery gas	Carc. 1A Muta. 1B	270-746-1	68477-65-6							H350 H340	
433.	Gases (petroleum), benzene unit hydrodesulphuriser off, refinery gas	Carc. 1A Muta. 1B	270-747-7	68477-66-7							H350 H340	
434.	Gases (petroleum), benzene unit recycle, hydrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-748-2	68477-67-8							H350 H340	
435.	Gases (petroleum), blend oil, hydrogen-nitrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-749-8	68477-68-9							H350 H340	
436.	Gases (petroleum), butane splitter overheads, petroleum gas	Carc. 1A Muta. 1B	270-750-3	68477-69-0							H350 H340	
437.	Gases (petroleum), C ₂₋₃ ; petroleum gas	Carc. 1A Muta. 1B	270-751-9	68477-70-3							H350 H340	

438.	Gases (petroleum), catalytic-cracked gas oil depropaniser bottoms, C ₄ -rich acid-free, petroleum gas	Carc. 1A Muta. 1B	270-752-4	68477-71-4							H350 H340	
439.	Gases (petroleum), catalytic-cracked naphtha debutaniser bottoms, C ₃₋₅ -rich, petroleum gas	Carc. 1A Muta. 1B	270-754-5	68477-72-5							H350 H340	
440.	Gases (petroleum), catalytic cracked naphtha depropaniser overhead, C ₃ -rich acid-free, petroleum gas	Carc. 1A Muta. 1B	270-755-0	68477-73-6							H350 H340	
441.	Gases (petroleum), catalytic cracker, petroleum gas	Carc. 1A Muta. 1B	270-756-6	68477-74-7							H350 H340	
442.	Gases (petroleum), catalytic cracker, C ₁₋₅ -rich, petroleum gas	Carc. 1A Muta. 1B	270-757-1	68477-75-8							H350 H340	
443.	Gases (petroleum), catalytic polymd. naphtha stabiliser overhead, C ₂₋₄ -rich, petroleum gas	Carc. 1A Muta. 1B	270-758-7	68477-76-9							H350 H340	
444.	Gases (petroleum), catalytic reformed naphtha stripper overheads, refinery gas	Carc. 1A Muta. 1B	270-759-2	68477-77-0							H350 H340	
445.	Gases (petroleum), catalytic reformer, C ₁₋₄ -rich, petroleum gas	Carc. 1A Muta. 1B	270-760-8	68477-79-2							H350 H340	
446.	Gases (petroleum), C ₆₋₈ catalytic reformer recycle, refinery gas	Carc. 1A Muta. 1B	270-761-3	68477-80-5							H350 H340	
447.	Gases (petroleum), C ₆₋₈ catalytic reformer recycle, refinery gas	Carc. 1A Muta. 1B	270-762-9	68477-81-6							H350 H340	
448.	Gases (petroleum), C ₆₋₈ catalytic reformer recycle, hydrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-763-4	68477-82-7							H350 H340	
449.	Gases (petroleum), C ₃₋₅ olefinic-paraffinic alkylation feed, petroleum gas	Carc. 1A Muta. 1B	270-765-5	68477-83-8							H350 H340	
450.	Gases (petroleum), C ₂ -return stream, refinery gas	Carc. 1A Muta. 1B	270-766-0	68477-84-9							H350 H340	
451.	Gases (petroleum), C ₄ -rich, petroleum gas	Carc. 1A Muta. 1B	270-767-6	68477-85-0							H350 H340	
452.	Gases (petroleum), deethaniser overheads, petroleum gas	Carc. 1A Muta. 1B	270-768-1	68477-86-1							H350 H340	
453.	Gases (petroleum), deisobutaniser tower overheads, petroleum gas	Carc. 1A Muta. 1B	270-769-7	68477-87-2							H350 H340	
454.	Gases (petroleum), depropaniser dry, propene-rich, petroleum gas	Carc. 1A Muta. 1B	270-772-3	68477-90-7							H350 H340	

455.	Gases (petroleum), depropaniser overheads, petroleum gas	Carc. 1A Muta. 1B	270-773-9	68477-91-8							H350 H340	
456.	Gases (petroleum), dry sour, gas-concentration-unit-off, refinery gas	Carc. 1A Muta. 1B	270-774-4	68477-92-9							H350 H340	
457.	Gases (petroleum), gas concentration reabsorber distillation, refinery gas	Carc. 1A Muta. 1B	270-776-5	68477-93-0							H350 H340	
458.	Gases (petroleum), gas recovery plant depropaniser overheads, petroleum gas	Carc. 1A Muta. 1B	270-777-0	68477-94-1							H350 H340	
459.	Gases (petroleum), Girbatol unit feed, petroleum gas	Carc. 1A Muta. 1B	270-778-6	68477-95-2							H350 H340	
460.	Gases (petroleum), hydrogen absorber off, refinery gas	Carc. 1A Muta. 1B	270-779-1	68477-96-3							H350 H340	
461.	Gases (petroleum), hydrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-780-7	68477-97-4							H350 H340	
462.	Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-781-2	68477-98-5							H350 H340	
463.	Gases (petroleum), isomerised naphtha fractionator, C ₄ -rich, hydrogen sulfide-free, petroleum gas	Carc. 1A Muta. 1B	270-782-8	68477-99-6							H350 H340	
464.	Gases (petroleum), recycle, hydrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-783-3	68478-00-2							H350 H340	
465.	Gases (petroleum), reformer make-up, hydrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-784-9	68478-01-3							H350 H340	
466.	Gases (petroleum), reforming hydrotreater, refinery gas	Carc. 1A Muta. 1B	270-785-4	68478-02-4							H350 H340	
467.	Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich, refinery gas	Carc. 1A Muta. 1B	270-787-5	68478-03-5							H350 H340	
468.	Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich, refinery gas	Carc. 1A Muta. 1B	270-788-0	68478-04-6							H350 H340	
469.	Gases (petroleum), thermal cracking distillation, refinery gas	Carc. 1A Muta. 1B	270-789-6	68478-05-7							H350 H340	
470.	Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum, petroleum gas	Carc. 1A Muta. 1B	270-802-5	68478-21-7							H350 H340	
471.	Tail gas (petroleum), catalytic cracked naphtha stabilisation absorber, petroleum gas	Carc. 1A Muta. 1B	270-803-0	68478-22-8							H350 H340	

472.	Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulphuriser combined fractionator, petroleum gas	Carc. 1A Muta. 1B	270-804-6	68478-24-0							H350 H340	
473.	Tail gas (petroleum), catalytic cracker refractionation absorber, refinery gas	Carc. 1A Muta. 1B	270-805-1	68478-25-1							H350 H340	
474.	Tail gas (petroleum), catalytic reformed naphtha fractionation stabiliser, petroleum gas	Carc. 1A Muta. 1B	270-806-7	68478-26-2							H350 H340	
475.	Tail gas (petroleum), catalytic reformed naphtha separator, refinery gas	Carc. 1A Muta. 1B	270-807-2	68478-27-3							H350 H340	
476.	Tail gas (petroleum), catalytic reformed naphtha stabiliser, refinery gas	Carc. 1A Muta. 1B	270-808-8	68478-28-4							H350 H340	
477.	Tail gas (petroleum), cracked distillate hydrotreater separator, refinery gas	Carc. 1A Muta. 1B	270-809-3	68478-29-5							H350 H340	
478.	Tail gas (petroleum), hydrodesulphurised straight-run naphtha separator, refinery gas	Carc. 1A Muta. 1B	270-810-9	68478-30-8							H350 H340	
479.	Tail gas (petroleum), saturate gas plant mixed stream, C ₄ -rich, petroleum gas	Carc. 1A Muta. 1B	270-813-5	68478-32-0							H350 H340	
480.	Tail gas (petroleum), saturate gas recovery plant, C ₁₋₂ -rich, petroleum gas	Carc. 1A Muta. 1B	270-814-0	68478-33-1							H350 H340	
481.	Tail gas (petroleum), vacuum residues thermal cracker, petroleum gas	Carc. 1A Muta. 1B	270-815-6	68478-34-2							H350 H340	
482.	Gases (petroleum), catalytic reformed straight-run naphtha stabiliser overheads, refinery gas	Carc. 1A Muta. 1B	270-999-8	68513-14-4							H350 H340	
483.	Gases (petroleum), full-range straight-run naphtha dehexaniser off, petroleum gas	Carc. 1A Muta. 1B	271-000-8	68513-15-5							H350 H340	
484.	Gases (petroleum), hydrocracking depropaniser off, hydrocarbon-rich, petroleum gas	Carc. 1A Muta. 1B	271-001-3	68513-16-6							H350 H340	
485.	Gases (petroleum), light straight-run naphtha stabiliser off, petroleum gas	Carc. 1A Muta. 1B	271-002-9	68513-17-7							H350 H340	
486.	Gases (petroleum), reformer effluent high-pressure flash drum off, refinery gas	Carc. 1A Muta. 1B	271-003-4	68513-18-8							H350 H340	
487.	Gases (petroleum), reformer effluent low-pressure flash drum off, refinery gas	Carc. 1A Muta. 1B	271-005-5	68513-19-9							H350 H340	
488.	Gases (petroleum), oil refinery gas distillation off, refinery gas	Carc. 1A Muta. 1B	271-258-1	68527-15-1							H350 H340	

489.	Gas oils (petroleum), steam-cracked; Cracked gas oil	Carc. 1B	271-260-2	68527-18-4							H350	
490.	Gases (petroleum), benzene unit hydrotreater depentaniser overheads, refinery gas	Carc. 1A Muta. 1B	271-623-5	68602-82-4							H350 H340	
491.	Gases (petroleum), C ₁₋₅ , wet, petroleum gas	Carc. 1A Muta. 1B	271-624-0	68602-83-5							H350 H340	
492.	Gases (petroleum), secondary absorber off, fluidised catalytic cracker overheads fractionator, refinery gas	Carc. 1A Muta. 1B	271-625-6	68602-84-6							H350 H340	
493.	Gases (petroleum), alkylation feed, petroleum gas	Carc. 1A Muta. 1B	271-737-5	68606-27-9							H350 H340	
494.	Gases (petroleum), depropaniser bottoms fractionation off, petroleum gas	Carc. 1A Muta. 1B	271-742-2	68606-34-8							H350 H340	
495.	Gases (petroleum), hydrocracking low-pressure separator, refinery gas	Carc. 1A Muta. 1B	272-182-1	68783-06-2							H350 H340	
496.	Gases (petroleum), refinery blend, petroleum gas	Carc. 1A Muta. 1B	272-183-7	68783-07-3							H350 H340	
497.	Gases (petroleum), catalytic cracker, petroleum gas	Carc. 1A Muta. 1B	272-203-4	68783-64-2							H350 H340	
498.	Gases (petroleum), C ₂₋₄ , sweetened, petroleum gas	Carc. 1A Muta. 1B	272-205-5	68783-65-3							H350 H340	
499.	Gases (petroleum), refinery; refinery gas	Carc. 1A Muta. 1B	272-338-9	68814-67-5							H350 H340	
500.	Gases (petroleum), platformer products separator off, refinery gas	Carc. 1A Muta. 1B	272-343-6	68814-90-4							H350 H340	
501.	Gases (petroleum), hydrotreated sour kerosine depentaniser stabiliser off, refinery gas	Carc. 1A Muta. 1B	272-775-5	68911-58-0							H350 H340	
502.	Gases (petroleum), hydrotreated sour kerosine flash drum, refinery gas	Carc. 1A Muta. 1B	272-776-0	68911-59-1							H350 H340	
503.	Gases (petroleum), crude oil fractionation off, petroleum gas	Carc. 1A Muta. 1B	272-871-7	68918-99-0							H350 H340	
504.	Gases (petroleum), dehexaniser off, petroleum gas	Carc. 1A Muta. 1B	272-872-2	68919-00-6							H350 H340	
505.	Gases (petroleum), distillate unifiner desulphurisation stripper off, refinery gas	Carc. 1A Muta. 1B	272-873-8	68919-01-7							H350 H340	

506.	Gases (petroleum), fluidised catalytic cracker fractionation off, refinery gas	Carc. 1A Muta. 1B	272-874-3	68919-02-8							H350 H340	
507.	Gases (petroleum), fluidised catalytic cracker scrubbing secondary absorber off, refinery gas	Carc. 1A Muta. 1B	272-875-9	68919-03-9							H350 H340	
508.	Gases (petroleum), heavy distillate hydrotreater desulphurisation stripper off, refinery gas	Carc. 1A Muta. 1B	272-876-4	68919-04-0							H350 H340	
509.	Gases (petroleum), light straight run gasoline fractionation stabiliser off, petroleum gas	Carc. 1A Muta. 1B	272-878-5	68919-05-1							H350 H340	
510.	Gases (petroleum), naphtha unifiner desulphurisation stripper off, petroleum gas	Carc. 1A Muta. 1B	272-879-0	68919-06-2							H350 H340	
511.	Gases (petroleum), platformer stabiliser off, light ends fractionation, refinery gas	Carc. 1A Muta. 1B	272-880-6	68919-07-3							H350 H340	
512.	Gases (petroleum), preflash tower off, crude distillation, refinery gas	Carc. 1A Muta. 1B	272-881-1	68919-08-4							H350 H340	
513.	Gases (petroleum), straight-run naphtha catalytic reforming off, petroleum gas	Carc. 1A Muta. 1B	272-882-7	68919-09-5							H350 H340	
514.	Gases (petroleum), straight-run stabiliser off, petroleum gas	Carc. 1A Muta. 1B	272-883-2	68919-10-8							H350 H340	
515.	Gases (petroleum), tar stripper off, refinery gas	Carc. 1A Muta. 1B	272-884-8	68919-11-9							H350 H340	
516.	Gases (petroleum), unifiner stripper off, refinery gas	Carc. 1A Muta. 1B	272-885-3	68919-12-0							H350 H340	
517.	Gases (petroleum), fluidised catalytic cracker splitter overheads, petroleum gas	Carc. 1A Muta. 1B	272-893-7	68919-20-0							H350 H340	
518.	Gases (petroleum), catalytic cracked naphtha deutaniser, petroleum gas	Carc. 1A Muta. 1B	273-169-3	68952-76-1							H350 H340	
519.	Tail gas (petroleum), catalytic cracked distillate and naphtha stabiliser, petroleum gas	Carc. 1A Muta. 1B	273-170-9	68952-77-2							H350 H340	
520.	Tail gas (petroleum), catalytic hydrodesulphurised naphtha separator, refinery gas	Carc. 1A Muta. 1B	273-173-5	68952-79-4							H350 H340	
521.	Tail gas (petroleum), straight-run naphtha hydrodesulphuriser, refinery gas	Carc. 1A Muta. 1B	273-174-0	68952-80-7							H350 H340	
522.	Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber, petroleum gas	Carc. 1A Muta. 1B	273-175-6	68952-81-8							H350 H340	

523.	Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabiliser, petroleum coking, petroleum gas	Carc. 1A Muta. 1B	273-176-1	68952-82-9							H350 H340	
524.	Gases (petroleum, light steam-cracked, butadiene concentrate, petroleum gas	Carc. 1A Muta. 1B	273-265-5	68955-28-2							H350 H340	
525.	Gases (petroleum), sponge absorber off, fluidised catalytic cracker and gas oil desulphuriser overhead fractionation, refinery gas	Carc. 1A Muta. 1B	273-269-7	68955-33-9							H350 H340	
526.	Gases (petroleum), straight-run naphtha catalytic reformer stabiliser overhead, petroleum gas	Carc. 1A Muta. 1B	273-270-2	68955-34-0							H350 H340	
527.	Gases (petroleum), crude distillation and catalytic cracking, refinery gas	Carc. 1A Muta. 1B	273-563-5	68989-88-8							H350 H340	
528.	Gases (petroleum), gas oil diethanolamine scrubber off, refinery gas	Carc. 1A Muta. 1B	295-397-2	92045-15-3							H350 H340	
529.	Gases (petroleum), gas oil hydrodesulphurisation effluent, refinery gas	Carc. 1A Muta. 1B	295-398-8	92045-16-4							H350 H340	
530.	Gases (petroleum), gas oil hydrodesulphurisation purge, refinery gas	Carc. 1A Muta. 1B	295-399-3	92045-17-5							H350 H340	
531.	Gases (petroleum), hydrogenator effluent flash drum off, refinery gas	Carc. 1A Muta. 1B	295-400-7	92045-18-6							H350 H340	
532.	Gases (petroleum), naphtha steam cracking high-pressure residual, refinery gas	Carc. 1A Muta. 1B	295-401-2	92045-19-7							H350 H340	
533.	Gases (petroleum), residue visbaking off, refinery gas	Carc. 1A Muta. 1B	295-402-8	92045-20-0							H350 H340	
534.	Gases (petroleum), steam-cracker C ₃ -rich, petroleum gas	Carc. 1A Muta. 1B	295-404-9	92045-22-2							H350 H340	
535.	Gas oils (petroleum), thermal-cracked, hydrodesulphurised; Cracked gas oil	Carc. 1B	295-411-7	92045-29-9							H350	
536.	Gas oils, paraffinic; Gas oil (unspecified)	Carc. 1B	300-227-8	93924-33-5							H350	
537.	Gas oils (petroleum), light vacuum, thermal-cracked hydrodesulphurised; Cracked gas oil	Carc. 1B	308-278-8	97926-59-5							H350	
538.	Glycidol, 2,3-epoxypropan-1-ol, oxiranemethanol	Carc. 1B Muta. 2	209-128-3	556-52-5							H350 H341	
539.	Hexachlorobenzene	Carc. 1B	204-273-9	118-74-1	0.9						H350	

540.	Hexamethylphosphoric triamide, hexamethylphosphoramide	Carc. 1B Muta. 1B	211-653-8	680-31-9							H350 H340	
541.	Hydrazine	Carc. 1B	206-114-9	302-01-2	0.013	0.01					H350	Skin ⁽¹⁰⁾
542.	Salts of hydrazine	Carc. 1B	—	—							H350	
543.	Hydrazine bis(3-carboxy-4-hydroxybenzensulfonate)	Carc. 1B	405-030-1	—							H350	
544.	Hydrazobenzene, 1,2-diphenylhydrazine	Carc. 1B	204-563-5	122-66-7							H350	
545.	Gas oils, hydrotreated; Gas oil (unspecified)	Carc. 1B	308-128-1	97862-78-7							H350	
546.	6-hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile	Carc. 1B	400-340-3	85136-74-9							H350	
547.	A mixture of: N-[3-hydroxy-2-(2-methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide; N-[2,3-bis-(2-methylacryloylaminomethoxy)propoxymethyl]-2-methylacrylamide; methacrylamide; 2-methyl-N-(2-methylacryloylaminomethoxymethyl)-acrylamide; N-2,3-dihydroxypropoxymethyl)-2-methylacrylamide	Carc. 1B Muta. 2	412-790-8	—							H350 H341	
548.	(6-(4-hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazin-2,4-diyl)bis[(amino-1-methylethyl)-ammonium] formate	Carc. 1B	402-060-7	108225-03-2							H350	
549.	4-chloroaniline	Carc. 1B	203-401-0	106-47-8							H350	
550.	Chlorodimethyl ether	Carc. 1A	203-480-1	107-30-2							H350	
551.	4-chloro-o-toluidine	Carc. 1B Muta. 2	202-441-6	95-69-2							H350 H341	
552.	Chloroprene, 2-chlorobuta-1,3-diene	Carc. 1B	204-818-0	126-99-8							H350	
553.	4-chloro-o-toluidine hydrochloride	Carc. 1B Muta. 2	221-627-8	3165-93-3							H350 H341	
554.	Chrysene	Carc. 1B Muta. 2	205-923-4	218-01-9							H350 H341	
555.	Chromium (VI) compounds	Carc. 1B			0.005						H350i	OEV 0.010 mg/m ³ until 17 January 2025. OEV 0.025 mg/m ³ for

												welding or plasma cutting processes or similar work processes producing vapours until 17 January 2025
556.	Chromium (VI) trioxide	Carc. 1A Muta. 1B	215-607-8	1333-82-0	0.001						H350 H340	
557.	Chromyl dichloride, chromic oxychloride	Carc. 1B Muta. 1B	239-056-8	14977-61-8							H350i H340	
558.	4,4'-(4-iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride, C.I. Basic Red 9	Carc. 1B	209-321-2	569-61-9							H350	
559.	Isobutane (containing ≥ 0.1 % butadiene)	Carc. 1A Muta. 1B	200-857-2	75-28-5							H350 H340	
560.	Isobutyl nitrite	Carc. 1B Muta. 2	208-819-7	542-56-3							H350 H341	
561.	Isoprene, 2-methyl-1,3-butadiene	Carc. 1B Muta. 2	201-143-3	78-79-5	40						H350 H341	
562.	Cadmium (pyrophoric, non-pyrophoric)	Carc. 1B Muta. 2	231-152-8	7440-43-9	0.01						H350 H341	
563.	Cadmium fluoride	Carc. 1B Muta. 1B	232-222-0	7790-79-6							H350 H340	
564.	Cadmium chloride	Carc. 1B Muta. 1B	233-296-7	10108-64-2							H350 H340	
565.	Cadmium oxide (non-pyrophoric)	Carc. 1B Muta. 2	215-146-2	1306-19-0							H350 H341	
565. ¹	Cadmium and its inorganic compounds	Carc. 1B			0.001 ⁽⁹⁾ , (11)							
566.	Cadmium sulphate	Carc. 1B Muta. 1B	233-331-6	10124-36-4							H350 H340	
567.	Cadmium sulphide	Carc. 1B Muta. 2	215-147-8	1306-23-6							H350 H341	
568.	Calcium chromate	Carc. 1B	237-366-8	13765-19-0							H350	
569.	Captafol (ISO); 1,2,3,6-tetrahydro-N-(1,1,2,2-tetrachloroethylthio) phthalimide	Carc. 1B	219-363-3	2425-06-1							H350	
570.	Carbadox	Carc. 1B	229-879-0	6804-07-5							H350	

571.	Potassium bromate	Carc. 1B	231-829-8	7758-01-2							H350	
572.	Potassium dichromate	Carc. 1B Muta. 1B	231-906-6	7778-50-9							H350 H340	
573.	Potassium chromate	Carc. 1B Muta. 1B	232-140-5	7789-00-6							H350i H340	
574.	Cobalt dichloride	Carc. 1B Muta. 2	231-589-4	7646-79-9							H350i H341	
575.	Cobalt sulphate	Carc. 1B Muta. 2	233-334-2	10124-43-3							H350i H341	
576.	C.I. dye Direct Black 38	Carc. 1B	217-710-3	1937-37-7							H350	
577.	C.I. dye Direct Blue 6	Carc. 1B	220-012-1	2602-46-2							H350	
578.	C.I. dye Direct Brown 95	Carc. 1B	240-221-1	16071-86-6							H350	
579.	C.I. dye Direct Red 28, Congo red	Carc. 1B	209-358-4	573-58-0							H350	
580.	Tar acids, cresylic, sodium salts, caustic solutions; Alkaline extract	Carc. 1B Muta. 1B	272-361-4	68815-21-4							H350 H340	
581.	Creosote	Carc. 1B	232-287-5	8001-58-9							H350	
582.	Creosote oil	Carc. 1B	263-047-8	61789-28-4							H350	
583.	Creosote oil, high-boiling distillate, wash oil	Carc. 1B	274-565-9	70321-79-8							H350	
584.	Creosote oil, low-boiling distillate, wash oil	Carc. 1B	274-566-4	70321-80-1							H350	
585.	Creosote oil, acenaphthene fraction, wash oil	Carc. 1B	292-605-3	90640-84-9							H350	
586.	Creosote oil, acenaphthene fraction, acenaphthene-free, wash oil redistillate	Carc. 1B	292-606-9	90640-85-0							H350	
587.	Ligroine; Low boiling point naphtha	Carc. 1B Muta. 1B	232-453-7	8032-32-4	300						H350 H340	
588.	Naphtha (petroleum), heavy straight-run; Low boiling point naphtha	Carc. 1B Muta. 1B	265-041-0	64741-41-9							H350 H340	
589.	Naphtha (petroleum), full-range straight-run; Low boiling point naphtha	Carc. 1B Muta. 1B	265-042-6	64741-42-0							H350 H340	
590.	Naphtha (petroleum), light straight-run; Low boiling point naphtha	Carc. 1B Muta. 1B	265-046-8	64741-46-4							H350 H340	
591.	Naphtha (petroleum), heavy catalytic cracked; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	265-055-7	64741-54-4							H350 H340	
592.	Naphtha (petroleum), light catalytic cracked; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	265-056-2	64741-55-5							H350 H340	

593.	Naphtha (petroleum), light catalytic reformed; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	265-065-1	64741-63-5							H350 H340	
594.	Naphtha (petroleum), full-range alkylate; Low boiling point modified naphtha	Carc. 1B Muta. 1B	265-066-7	64741-64-6							H350 H340	
595.	Naphtha (petroleum), heavy alkylate; Low boiling point modified naphtha	Carc. 1B Muta. 1B	265-067-2	64741-65-7							H350 H340	
596.	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha	Carc. 1B Muta. 1B	265-068-8	64741-66-8							H350 H340	
597.	Naphtha (petroleum), heavy catalytic reformed; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	265-070-9	64741-68-0							H350 H340	
598.	Naphtha (petroleum), light hydrocracked; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-071-4	64741-69-1							H350 H340	
599.	Naphtha (petroleum), isomerisation; Low boiling point modified naphtha	Carc. 1B Muta. 1B	265-073-5	64741-70-4							H350 H340	
600.	Naphtha (petroleum), heavy hydrocracked; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-079-8	64741-78-2							H350 H340	
601.	Naphtha (petroleum), heavy thermal cracked; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	265-085-0	64741-83-9							H350 H340	
602.	Naphtha (petroleum), solvent-refined light; Low boiling point modified naphtha	Carc. 1B Muta. 1B	265-086-6	64741-84-0							H350 H340	
603.	Naphtha (petroleum), sweetened; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-089-2	64741-87-3							H350 H340	
604.	Naphtha (petroleum), solvent-refined heavy; Low boiling point modified naphtha	Carc. 1B Muta. 1B	265-095-5	64741-92-0							H350 H340	
605.	Naphtha (petroleum), acid-treated; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-115-2	64742-15-0							H350 H340	
606.	Naphtha (petroleum), chemically neutralised heavy; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-122-0	64742-22-9							H350 H340	
607.	Naphtha (petroleum), chemically neutralised light; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-123-6	64742-23-0							H350 H340	
608.	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	265-150-3	64742-48-9							H350 H340	
609.	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	265-151-9	64742-49-0							H350 H340	
610.	Naphtha (petroleum), catalytic dewaxed; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-170-2	64742-66-1							H350 H340	

611.	Naphtha (petroleum), hydrodesulphurised light; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	265-178-6	64742-73-0							H350 H340	
612.	Naphtha (petroleum), hydrodesulphurised heavy; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	265-185-4	64742-82-1			200				H350 H340	
613.	Naphtha (petroleum), light steam-cracked; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	265-187-5	64742-83-2							H350 H340	
614.	Naphtha (petroleum), full-range coker; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-991-4	68513-02-0							H350 H340	
615.	Naphtha (petroleum), steam-cracked middle aromatic; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-138-9	68516-20-1							H350 H340	
616.	Naphtha (petroleum), clay-treated full-range straight-run; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-262-3	68527-21-9							H350 H340	
617.	Naphtha (petroleum), clay-treated light straight-run; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-263-9	68527-22-0							H350 H340	
618.	Naphtha (petroleum), light steam-cracked aromatic; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-264-4	68527-23-1							H350 H340	
619.	Naphtha (petroleum), light steam-cracked, debenzenised; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-266-5	68527-26-4							H350 H340	
620.	Naphtha (petroleum), aromatic-containing; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	271-635-0	68603-08-7							H350 H340	
621.	Naphtha (petroleum), catalytic cracked light distilled; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	272-185-8	68783-09-5							H350 H340	
622.	Naphtha (petroleum), unsweetened; Low boiling point naphtha	Carc. 1B Muta. 1B	272-186-3	68783-12-0							H350 H340	
623.	Naphtha (petroleum), light, sweetened; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	272-206-0	68783-66-4							H350 H340	
624.	Naphtha (petroleum), full-range reformed; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	272-895-8	68919-37-9							H350 H340	
625.	Naphtha (petroleum), catalytic reformed; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	273-271-8	68955-35-1							H350 H340	

626.	Naphtha (petroleum), catalytic reformed light, aromatic-free fraction; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	285-510-3	85116-59-2							H350 H340	
627.	Naphtha (petroleum), hydrodesulphurised thermal cracked light; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	285-511-9	85116-60-5							H350 H340	
628.	Naphtha (petroleum), hydrotreated light, cycloalkane-containing; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	285-512-4	85116-61-6							H350 H340	
629.	Naphtha (petroleum), C ₄₋₁₂ butane-alkylate, isooctane-rich; Low boiling point modified naphtha	Carc. 1B Muta. 1B	295-430-0	92045-49-3							H350 H340	
630.	Naphtha (petroleum), heavy catalytic cracked, sweetened; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	295-431-6	92045-50-6							H350 H340	
631.	Naphtha (petroleum), heavy steam-cracked, hydrogenated; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	295-432-1	92045-51-7							H350 H340	
632.	Naphtha (petroleum), hydrodesulfurised full-range; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	295-433-7	92045-52-8							H350 H340	
633.	Naphtha (petroleum), hydrodesulfurised light, dearomatised; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-434-2	92045-53-9							H350 H340	
634.	Naphtha (petroleum), hydrotreated light steam-cracked; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	295-438-4	92045-57-3							H350 H340	
635.	Naphtha (petroleum), isomerisation, C ₆ -fraction; Low boiling point modified naphtha	Carc. 1B Muta. 1B	295-440-5	92045-58-4							H350 H340	
636.	Naphtha (petroleum), light catalytic cracked, sweetened; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	295-441-0	92045-59-5							H350 H340	
637.	Naphtha (petroleum), light, C ₅ -rich, sweetened; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-442-6	92045-60-8							H350 H340	
638.	Naphtha (petroleum), light thermal cracked, sweetened; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	295-447-3	92045-65-3							H350 H340	

639.	Naphtha (petroleum), light heat-soaked, steam-cracked; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	296-028-8	92201-97-3							H350 H340	
640.	Naphtha (petroleum), light steam-cracked, hydrogenated; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	296-942-7	93165-55-0							H350 H340	
641.	Naphtha (petroleum), solvent-refined hydrodesulphurised heavy; Gas oil (unspecified)	Carc. 1B	307-035-3	97488-96-5							H350	
642.	Naphtha (petroleum), light steam-cracked, debenzenised, thermally treated; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	308-713-1	98219-46-6							H350 H340	
643.	Naphtha (petroleum), light steam-cracked, thermally treated; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	308-714-7	98219-47-7							H350 H340	
644.	Naphtha (petroleum), hydrodesulphurised full-range coker; low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	309-879-8	101316-76-1							H350 H340	
645.	Naphtha (petroleum), heavy straight run, aromatic-containing; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	309-945-6	101631-20-3							H350 H340	
646.	Naphtha (petroleum), sweetened light; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	309-976-5	101795-01-1							H350 H340	
647.	Methyl acrylamidoglycolate (containing ≥ 0.1 % acrylamide)	Carc. 1B Muta. 1B	403-230-3	77402-05-2							H350 H340	
648.	Methyl acrylamidomethoxyacetate (containing ≥ 0.1 % acrylamide)	Carc. 1B Muta. 1B	401-890-7	77402-03-0							H350 H340	
649.	2-methylaziridine, propyleneimine	Carc. 1B	200-878-7	75-55-8							H350	
650.	Methyl azoxy methyl acetate	Carc. 1B	209-765-7	592-62-1							H350 H340	
651.	(Methylenebis(4,1-phenylenazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diyl))) - 1,1'-dipyridinium dichloride dihydrochloride	Carc. 1B	401-500-5	—							H350	
652.	4,4'-methylene bis(2-chloroaniline) (MOCA)	Carc. 1B		101-14-1							H350	
653.	4,4'-methylene-o-toluidine	Carc. 1B	212-658-8	838-88-0							H350	

654.	4-methyl-m-phenylenediamine, 2,4-toluenediamine	Carc. 1B Muta. 2	202-453-1	95-80-7							H350 H341	
655.	Methanesulphonate	Carc. 1B Muta. 1B		66-27-3							H350 H340	
655. ¹	Mineral oils previously used for the lubrication and cooling of moving parts of an internal combustion engine	Carc. 1B										Skin ⁽¹⁰⁾
656.	N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)	Carc. 1B	200-730-1	70-25-7							H350	
657.	2-methoxyaniline, o-anisidine	Carc. 1B Muta. 2	201-963-1	90-04-0							H350 H341	
658.	6-methoxy-m-toluidine; p-cresidine	Carc. 1B	204-419-1	120-71-8							H350	
659.	Petroleum; Crude oil	Carc. 1B	232-298-5	8002-05-9							H350	
660.	Naphtha; Low boiling point naphtha	Carc. 1B Muta. 1B	232-443-2	8030-30-6				10			H350 H340	
661.	Naphtha (petroleum), light thermal cracked; Low boiling point thermally cracked naphtha	Carc. 1B Muta. 1B	265-075-6	64741-74-8							H350 H340	
662.	Naphtha (petroleum), light catalytic reformed, aromatic-free; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	270-993-5	68513-03-1							H350 H340	
663.	Naphtha (petroleum), full-range alkylate, butane-containing; Low boiling point modified naphtha	Carc. 1B Muta. 1B	271-267-0	68527-27-5							H350 H340	
664.	Naphtha (coal), distillation residues; Light oil redistillate, high boiling	Carc. 1B Muta. 1B	292-636-2	90641-12-6							H350 H340	
665.	Naphtha (coal), solvent extraction, hydrocracked	Carc. 1B Muta. 1B	302-690-1	94114-54-2							H350 H340	
666.	Naphthalene	Carc. 2	202-049-5	91-20-3	50	10					H351	
667.	Petroleum gases, liquefied, petroleum gas	Carc. 1A Muta. 1B	270-704-2	68476-85-7							H350 H340	
668.	Petroleum gases, liquefied, sweetened, petroleum gas	Carc. 1A Muta. 1B	270-705-8	68476-86-8							H350 H340	
669.	Petroleum gases, liquefied, sweetened, C ₄ fraction, petroleum gas	Carc. 1A Muta. 1B	295-463-0	92045-80-2							H350 H340	

670.	Petroleum products, hydrofiner-powerformer reformates; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	271-058-4	68514-79-4							H350 H340	
671.	Petroleum products, refinery gases; refinery gas	Carc. 1A Muta. 1B	271-750-6	68607-11-4							H350 H340	
672.	Naphthenic oils (petroleum), catalytic dewaxed heavy; Base oil – unspecified	Carc. 1B	265-172-3	64742-68-3							H350	
673.	Naphthenic oils (petroleum), catalytic dewaxed light; Base oil – unspecified	Carc. 1B	265-173-9	64742-69-4							H350	
674.	Naphthenic oils (petroleum), complex dewaxed heavy; Base oil – unspecified	Carc. 1B	265-179-1	64742-75-2							H350	
675.	Naphthenic oils (petroleum), complex dewaxed light; Base oil – unspecified	Carc. 1B	265-180-7	64742-76-3							H350	
676.	2-naphthylamine	Carc. 1A	202-080-4	91-59-8							H350	
677.	Salts of 2-naphthylamine	Carc. 1A	209-030-0 [1] 210-313-6 [2]	553-00-4 [1] 612-52-2 [2]							H350	
678.	Sodium dichromate, anhydrate	Carc. 1B Muta. 1B	234-190-3	10588-01-9							H350 H340	
679.	Sodium dichromate, dihydrate	Carc. 1B Muta. 1B	234-190-3	7789-12-0							H350 H340	
680.	Sodium chromate	Carc. 1B Muta. 1B	231-889-5	7775-11-3							H350 H340	
681.	Nickel dioxide	Carc. 1A	234-823-3	12035-36-8							H350i	
682.	Nickel monoxide	Carc. 1A	215-215-7	1313-99-1							H350i	
683.	Nickel subsulphide, trinickel disulphide	Carc. 1A Muta. 2	234-829-6	12035-72-2							H350i H341	
684.	Nickel sulphide	Carc. 1A Muta. 2	240-841-2	16812-54-7							H350i H341	
685.	5-nitroacenaphthene	Carc. 1B	210-025-0	602-87-9							H350	
686.	2-nitroanisole	Carc. 1B	202-052-1	91-23-6							H350	
687.	4-nitrobiphenyl	Carc. 1B	202-204-7	92-93-3							H350	
688.	Nitrofen (ISO); 2,4-dichlorophenyl 4-nitrophenyl ether	Carc. 1B	217-406-0	1836-75-5							H350	
689.	2-nitronaphthalene	Carc. 1B	209-474-5	581-89-5							H350	

690.	2-nitropropane	Carc. 1B	201-209-1	79-46-9	18	5						H350	
691.	2-nitrotoluene	Carc. 1B Muta. 1B	201-853-3	88-72-2	3							H350 H340	
692.	N-nitrosodimethylamine, dimethylnitrosoamine	Carc. 1B	200-549-8	62-75-9								H350	
693.	Nitrosodipropylamine	Carc. 1B	210-698-0	621-64-7								H350	
694.	2,2'-(nitrosoimino)bisethanol	Carc. 1B	214-237-4	1116-54-7								H350	
695.	Hydrocarbons, C ₃₋₄ ; petroleum gas	Carc. 1A Muta. 1B	270-681-9	68476-40-4								H350 H340	
696.	Hydrocarbons, C ₄₋₅ ; petroleum gas	Carc. 1A Muta. 1B	270-682-4	68476-42-6								H350 H340	
697.	Hydrocarbons, C ₃₋₁₁ , catalytic cracker distillates; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	270-686-6	68476-46-0								H350 H340	
698.	Hydrocarbons, C ₂₋₆ , C ₆₋₈ catalytic reformer; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	270-687-1	68476-47-1								H350 H340	
699.	Hydrocarbons, C ₂₋₄ , C ₃ -rich; Petroleum gas	Carc. 1A Muta. 1B	270-689-2	68476-49-3								H350 H340	
700.	Hydrocarbons, C _{≥5} , C ₅₋₆ -rich; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-690-8	68476-50-6								H350 H340	
701.	Hydrocarbons, C ₅ -rich; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	270-695-5	68476-55-1								H350 H340	
702.	Hydrocarbons, C ₃₋₄ -rich, petroleum distillate, petroleum gas	Carc. 1A Muta. 1B	270-990-9	68512-91-4								H350 H340	
703.	Hydrocarbons, C ₁₋₄ ; petroleum gas	Carc. 1A Muta. 1B	271-032-2	68514-31-8								H350 H340	
704.	Hydrocarbons, C ₁₋₄ , sweetened, petroleum gas	Carc. 1A Muta. 1B	271-038-5	68514-36-3								H350 H340	
705.	Hydrocarbons, C ₁₋₃ ; petroleum gas	Carc. 1A Muta. 1B	271-259-7	68527-16-2								H350 H340	
706.	Hydrocarbons, C ₁₋₄ , deutaniser fraction; petroleum gas	Carc. 1A Muta. 1B	271-261-8	68527-19-5								H350 H340	
707.	Hydrocarbons, C ₂₋₄ ; petroleum gas	Carc. 1A Muta. 1B	271-734-9	68606-25-7								H350 H340	
708.	Hydrocarbons, C ₃ ; petroleum gas	Carc. 1A Muta. 1B	271-735-4	68606-26-8								H350 H340	

709.	Hydrocarbons, C ₄ ; Petroleum gas	Carc. 1A Muta. 1B	289-339-5	87741-01-3							H350 H340	
710.	Hydrocarbons, C ₂₀₋₅₀ , solvent-dewaxed heavy paraffinic, hydrotreated; Base oil – unspecified	Carc. 1B	292-617-9	90640-95-2							H350	
711.	Hydrocarbons, C ₄₋₆ , depentaniser lights, aromatic hydrotreater; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-298-4	91995-38-9							H350 H340	
712.	Hydrocarbons, C ₄ , steam-cracker distillate, petroleum gas	Carc. 1A Muta. 1B	295-405-4	92045-23-3							H350 H340	
713.	Hydrocarbons, hydrotreated light naphtha distillates, solvent-refined; Low boiling point modified naphtha	Carc. 1B Muta. 1B	295-436-3	92045-55-1							H350 H340	
714.	Hydrocarbons, C ₄₋₁₂ , naphtha-cracking, hydrotreated; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	295-443-1	92045-61-9							H350 H340	
715.	Hydrocarbons, C ₈₋₁₁ , naphtha-cracking, toluene cut; low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-444-7	92045-62-0							H350 H340	
716.	Hydrocarbons, C ₄₋₁₁ , naphtha-cracking, aromatic-free; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	295-445-2	92045-63-1							H350 H340	
717.	Hydrocarbons, C ₆₋₇ , naphtha-cracking, solvent-refined; Low boiling point modified naphtha	Carc. 1B Muta. 1B	295-446-8	92045-64-2							H350 H340	
718.	Hydrocarbons, C ₈₋₁₂ , catalytic-cracking, chem. neutralised; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	295-794-0	92128-94-4							H350 H340	
719.	Hydrocarbons, C ₇₋₁₂ , C _{>9} -aromatic-rich, reforming heavy fraction; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	297-465-7	93572-35-1							H350 H340	
720.	Hydrocarbons, C ₅₋₁₁ , nonaromatics-rich, reforming light fraction; Low boiling point cat-reformed naphtha	Carc. 1B Muta. 1B	297-466-2	93572-36-2							H350 H340	
721.	Hydrocarbons, C ₆₋₁₁ , hydrotreated, dearomatised; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	297-852-0	93763-33-8							H350 H340	
722.	Hydrocarbons, C ₉₋₁₂ , hydrotreated, dearomatised; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	297-853-6	93763-34-9							H350 H340	

723.	Hydrocarbons, hydrocracked paraffinic distn. residues, solvent-dewaxed; Base oil (unspecified)	Carc. 1B Muta. 1B	297-857-8	93763-38-3							H350 H340	
724.	Hydrocarbons, C ₂₀₋₅₀ , residual oil hydrogenation vacuum distillate; Base oil – unspecified	Carc. 1B	300-257-1	93924-61-9							H350	
725.	Hydrocarbons, C ₁₃₋₃₀ , aromatic-rich, solvent-extracted naphthenic distillate; Base oil – unspecified	Carc. 1B	305-971-7	95371-04-3							H350	
726.	Hydrocarbons, C ₁₆₋₃₂ , aromatic-rich, solvent-extracted naphthenic distillate; Base oil – unspecified	Carc. 1B	305-972-2	95371-05-4							H350	
727.	Hydrocarbons, C ₃₇₋₆₈ , dewaxed deasphalted hydrotreated vacuum distillation residues; Base oil – unspecified	Carc. 1B	305-974-3	95371-07-6							H350	
728.	Hydrocarbons, C ₃₇₋₆₅ , hydrotreated deasphalted vacuum distillation residues; Base oil – unspecified	Carc. 1B	305-975-9	95371-08-7							H350	
729.	Hydrocarbons, C ₁₆₋₂₀ , hydrotreated middle distillate, distillation lights; Gas oil (unspecified)	Carc. 1B	307-659-6	97675-85-9							H350	
730.	Hydrocarbons, C ₁₂₋₂₀ , hydrotreated paraffinic, distillation lights; Gas oil (unspecified)	Carc. 1B	307-660-1	97675-86-0							H350	
731.	Hydrocarbons, C ₁₇₋₃₀ , hydrotreated solvent-deasphalted atmospheric distillation residue, distillation lights; Base oil – unspecified	Carc. 1B	307-661-7	97675-87-1							H350	
732.	Hydrocarbons, C ₁₇₋₄₀ , hydrotreated solvent-deasphalted distillation residue, vacuum distillation lights; Base oil – unspecified	Carc. 1B	307-755-8	97722-06-0							H350	
733.	Hydrocarbons, C ₁₁₋₁₇ , solvent-extracted light naphthenic; Gas oil (unspecified)	Carc. 1B	307-757-9	97722-08-2							H350	
734.	Hydrocarbons, C ₁₃₋₂₇ , solvent-extracted light naphthenic; Base oil – unspecified	Carc. 1B	307-758-4	97722-09-3							H350	
735.	Hydrocarbons, C ₁₄₋₂₉ , solvent-extracted light naphthenic; Base oil – unspecified	Carc. 1B	307-760-5	97722-10-6							H350	
736.	Hydrocarbons, C ₂₇₋₄₂ , dearomatised; Base oil – unspecified	Carc. 1B	308-131-8	97862-81-2							H350	

737.	Hydrocarbons, C ₁₇₋₃₀ , hydrotreated distillates, distillation lights; Base oil – unspecified	Carc. 1B	308-132-3	97862-82-3							H350	
738.	Hydrocarbons, C ₂₇₋₄₅ , naphthenic vacuum distillation; Base oil – unspecified	Carc. 1B	308-133-9	97862-83-4							H350	
739.	Hydrocarbons, C ₂₇₋₄₅ , dearomatised; Base oil – unspecified	Carc. 1B	308-287-7	97926-68-6							H350	
740.	Hydrocarbons, C ₂₀₋₅₈ ; Base oil – unspecified	Carc. 1B	308-289-8	97926-70-0							H350	
741.	Hydrocarbons, C ₂₇₋₄₂ , naphthenic; Base oil – unspecified	Carc. 1B	308-290-3	97926-71-1							H350	
742.	Hydrocarbons, C ₆₋₈ , hydrogenated sorption-dearomatised, toluene raffination; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	309-870-9	101316-66-9							H350 H340	
743.	Hydrocarbons, C ₆ -rich, hydrotreated light naphtha distillates, solvent-refined; Low boiling point modified naphtha	Carc. 1B Muta. 1B	309-871-4	101316-67-0							H350 H340	
744.	Hydrocarbons, C ₈₋₁₂ , catalytic cracker distillates; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	309-974-4	101794-97-2							H350 H340	
745.	Hydrocarbons, C ₈₋₁₂ , catalytic-cracking, chemically neutralised, sweetened; Low boiling point cat-cracked naphtha	Carc. 1B Muta. 1B	309-987-5	101896-28-0							H350 H340	
746.	Hydrocarbons, C ₃₋₆ , C ₅ -rich, steam-cracked naphtha; Low boiling point naphtha – unspecified	Carc. 1B Muta. 1B	310-012-0	102110-14-5							H350 H340	
747.	Hydrocarbons, C ₅ -rich, dicyclopentadiene-containing; Low boiling point naphtha – unspecified	Carc. 1B Muta. 1B	310-013-6	102110-15-6							H350 H340	
748.	4,4'-oxydianiline and its salts, p-aminophenyl ether salts of p-aminophenyl ethers	Carc. 1B Muta. 1B	202-977-0	101-80-4							H350 H340	
749.	Oxiranemethanol, 4-methylbenzene-sulfonate, (S)-	Carc. 1B Muta. 2	417-210-7	70987-78-9							H350 H341	
750.	Paraffin oils (petroleum), catalytic dewaxed heavy; Base oil – unspecified	Carc. 1B	265-174-4	64742-70-7							H350	
751.	Paraffin oils (petroleum), catalytic dewaxed light; Base oil – unspecified	Carc. 1B	265-176-5	64742-71-8							H350	

752.	Paraffin oils (petroleum), solvent-refined dewaxed heavy; Base oil – unspecified	Carc. 1B	295-810-6	92129-09-4							H350	
753.	Slack wax (petroleum); Slack wax	Carc. 1B	265-165-5	64742-61-6							H350	
754.	Slack wax (petroleum), acid-treated; Slack wax	Carc. 1B	292-659-8	90669-77-5							H350	
755.	Slack wax (petroleum), clay-treated; Slack wax	Carc. 1B	292-660-3	90669-78-6							H350	
756.	Slack wax (petroleum), hydrotreated; Slack wax	Carc. 1B	295-523-6	92062-09-4							H350	
757.	Slack wax (petroleum), low-melting; Slack wax	Carc. 1B	295-524-1	92062-10-7							H350	
758.	Slack wax (petroleum), low-melting, hydrotreated; Slack wax	Carc. 1B	295-525-7	92062-11-8							H350	
759.	Slack wax (petroleum), low-melting, carbon-treated; Slack wax	Carc. 1B	308-155-9	97863-04-2							H350	
760.	Slack wax (petroleum), low-melting, clay-treated; Slack wax	Carc. 1B	308-156-4	97863-05-3							H350	
761.	Slack wax (petroleum), low-melting, silicic acid-treated; Slack wax	Carc. 1B	308-158-5	97863-06-4							H350	
762.	Slack wax (petroleum), carbon-treated; Slack wax	Carc. 1B	309-723-9	100684-49-9							H350	
763.	Paraffin waxes (coal), brown-coal-high-temperature tar; Coal tar extract	Carc. 1B	295-454-1	92045-71-1							H350	
764.	Paraffin waxes (coal), brown-coal-high-temperature tar, hydrotreated; Coal tar extract	Carc. 1B	295-455-7	92045-72-2							H350	
765.	Paraffin waxes (coal), brown-coal high-temperature tar, carbon-treated; Coal tar extract	Carc. 1B	308-296-6	97926-76-6							H350	
766.	Paraffin waxes (coal), brown-coal high-temperature tar, clay-treated; Coal tar extract	Carc. 1B	308-297-1	97926-77-7							H350	
767.	Paraffin waxes (coal), brown-coal high-temperature tar, silicic acid-treated; Coal tar extract	Carc. 1B	308-298-7	97926-78-8							H350	
768.	Petrolatum; Petrolatum	Carc. 1B	232-373-2	8009-03-8							H350	
769.	Petrolatum (petroleum), oxidised; Petrolatum	Carc. 1B	265-206-7	64743-01-7							H350	
770.	Petrolatum (petroleum), alumina-treated; Petrolatum	Carc. 1B	285-098-5	85029-74-9							H350	
771.	Petrolatum (petroleum), hydrotreated; Petrolatum	Carc. 1B	295-459-9	92045-77-7							H350	

772.	Petrolatum (petroleum), carbon-treated; Petrolatum	Carc. 1B	308-149-6	97862-97-0							H350	
773.	Petrolatum (petroleum), silicic acid-treated; Petrolatum	Carc. 1B	308-150-1	97862-98-1							H350	
774.	Petrolatum (petroleum), clay-treated; Petrolatum	Carc. 1B	309-706-6	100684-33-1							H350	
775.	Pitch; Pitch	Carc. 1B	263-072-4	61789-60-4							H350	
776.	Pitch, coal tar, high-temperature; Pitch	Carc. 1A Muta. 1B	266-028-2	65996-93-2							H350 H340	
777.	Pitch, coal tar-petroleum; Pitch residues	Carc. 1B	269-109-0	68187-57-5							H350	
778.	Pitch, coal tar, high temperature, secondary; Pitch redistillate	Carc. 1B	302-650-3	94114-13-3							H350	
779.	Pitch, coal tar, high temperature, heat-treated; Pitch	Carc. 1B	310-162-7	121575-60-8							H350	
780.	Pyridine, alkyl derivatives; Crude tar bases	Carc. 1B Muta. 1B	269-929-9	68391-11-7							H350 H340	
781.	Aromatic hydrocarbons, C ₂₀₋₂₈ , polycyclic, mixed coal-tar pitch- polyethylene-polypropylene pyrolysis-derived; Pyrolysis products	Carc. 1B	309-956-6	101794-74-5							H350	
782.	Aromatic hydrocarbons, C ₂₀₋₂₈ , polycyclic, mixed coal-tar pitch- polyethylene pyrolysis-derived; Pyrolysis products	Carc. 1B	309-957-1	101794-75-6							H350	
783.	Aromatic hydrocarbons, C ₂₀₋₂₈ , polycyclic, mixed coal-tar pitch-polystyrene pyrolysis- derived; Pyrolysis products	Carc. 1B	309-958-7	101794-76-7							H350	
783. ¹	Polycyclic aromatic hydrocarbons mixtures, particularly those containing benzo[a]pyrene, which are carcinogens within the meaning of this Regulation	Carc. 1B Muta. 1B									H350	Skin ⁽¹⁰⁾
784.	1,3-propanesultone, 1,2-oxathiane, 2,2-dioxide	Carc. 1B	214-317-9	1120-71-4							H350	
785.	Propylene oxide; 1,2-epoxypropane; methyloxirane	Carc. 1B Muta. 1B	200-879-2	75-56-9	2.4	1					H350 H340	
786.	Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent extracts; Low boiling point modified naphtha	Carc. 1B Muta. 1B	270-088-5	68410-71-9							H350 H340	

787.	Raffinates (petroleum), reformer, Lurgi unit-separated; Low boiling point modified naphtha	Carc. 1B Muta. 1B	270-349-3	68425-35-4							H350 H340	
788.	Raffinates (petroleum), steam-cracked C ₄ fraction cuprous ammonium acetate extraction, C ₃₋₅ and C ₃₋₅ unsaturated, butadiene-free, petroleum gas	Carc. 1A Muta. 1B	307-769-4	97722-19-5							H350 H340	
789.	Inhalable crystalline silica dust				0.1 ⁽⁹⁾							
790.	Extract oils (coal), acidic, tar-base free; Methylanthralene oil extract residue	Carc. 1B Muta. 1B	284-901-6	84989-12-8							H350 H340	
791.	Fuel oil, heavy, high-sulphur; Heavy fuel oil	Carc. 1B	295-396-7	92045-14-2							H350	
792.	Lubricating oils (petroleum), C ₂₀₋₅₀ , hydrotreated neutral oil-based high-viscosity; Base oil – unspecified	Carc. 1B	276-736-3	72623-85-9							H350	
793.	Lubricating oils (petroleum), C ₁₅₋₃₀ , hydrotreated neutral oil-based; Base oil – unspecified	Carc. 1B	276-737-9	72623-86-0							H350	
794.	Lubricating oils (petroleum), C ₂₀₋₅₀ , hydrotreated neutral oil-based; Base oil – unspecified	Carc. 1B	276-738-4	72623-87-1							H350	
795.	Lubricating oils; Base oil – unspecified	Carc. 1B	278-012-2	74869-22-0							H350	
796.	Lubricating oils (petroleum) C ₁₇₋₃₅ , solvent-extracted, dewaxed, hydrotreated; Base oil – unspecified	Carc. 1B	295-423-2	92045-42-6							H350	
797.	Lubricating oils (petroleum), hydrocracked nonaromatic solvent-deparaffined; Base oil – unspecified	Carc. 1B	295-424-8	92045-43-7							H350	
798.	Lubricating oils (petroleum), base oils, paraffinic; Base oil – unspecified	Carc. 1B	297-474-6	93572-43-1							H350	
799.	Lubricating oils (petroleum), C ₁₈₋₄₀ , solvent-dewaxed hydrocracked distillate-based; Base oil – unspecified	Carc. 1B	305-594-8	94733-15-0							H350	
800.	Lubricating oils (petroleum), C ₁₈₋₄₀ , solvent-dewaxed hydrogenated raffinate-based; Base oil – unspecified	Carc. 1B	305-595-3	94733-16-1							H350	
801.	Lubricating oils (petroleum), C ₁₈₋₂₇ , hydrocracked solvent-dewaxed; Base oil – unspecified	Carc. 1B	307-034-8	97488-95-4							H350	

802.	Lubricating oils (petroleum), C _{≥25} , solvent-extracted, deasphalted, dewaxed, hydrogenated; Base oil – unspecified	Carc. 1B	309-874-0	101316-69-2							H350	
803.	Lubricating oils (petroleum), C ₁₇₋₃₂ , solvent-extracted, dewaxed, hydrogenated; Base oil – unspecified	Carc. 1B	309-875-6	101316-70-5							H350	
804.	Lubricating oils (petroleum), C ₂₀₋₃₅ , solvent-extracted, dewaxed, hydrogenated; Base oil – unspecified	Carc. 1B	309-876-1	101316-71-6							H350	
805.	Lubricating oils (petroleum), C ₂₄₋₅₀ , solvent-extracted, dewaxed, hydrogenated; Base oil – unspecified	Carc. 1B	309-877-7	101316-72-7							H350	
806.	Lubricating greases; Grease	Carc. 1B	278-011-7	74869-21-9							H350	
807.	Solvent naphtha (petroleum), light aliphatic; Low boiling point naphtha	Carc. 1B Muta. 1B	265-192-2	64742-89-8							H350 H340	
808.	Solvent naphtha (petroleum), light aromatic; Low boiling point naphtha – unspecified	Carc. 1B Muta. 1B	265-199-0	64742-95-6							H350 H340	
809.	Solvent naphtha (coal); Light oil extract residues, high boiling	Carc. 1B Muta. 1B	266-013-0	65996-79-4							H350 H340	
810.	Solvent naphtha (petroleum), light aromatic, hydrotreated; Low boiling point hydrogen treated naphtha	Carc. 1B Muta. 1B	270-988-8	68512-78-7							H350 H340	
811.	Solvent naphtha (coal), light; Light oil redistillate, low boiling	Carc. 1B Muta. 1B	287-498-5	85536-17-0							H350 H340	
812.	Solvent naphtha (coal), coumarone-styrene containing; Light oil redistillate, intermediate boiling	Carc. 1B Muta. 1B	287-500-4	85536-19-2							H350 H340	
813.	Solvent naphtha (coal), xylene-styrene cut; Light oil redistillate, intermediate boiling	Carc. 1B Muta. 1B	287-502-5	85536-20-5							H350 H340	
814.	Solvent naphtha (petroleum), hydrotreated light naphthenic; Low boiling point naphtha – unspecified	Carc. 1B Muta. 1B	295-529-9	92062-15-2							H350 H340	
815.	Styrene oxide	Carc. 1B	202-476-7	96-09-3							H350	
816.	Stoddard solvent; Low boiling point naphtha (unspecified)	Carc. 1B Muta. 1B	232-489-3	8052-41-3							H350 H340	
817.	Strontium chromate	Carc. 1B	232-142-6	7789-06-2							H350	

818.	Sulfallate (ISO), 2-chlorallyl N, N-dimethyldithiocarbamate	Carc. 1B	202-388-9	95-06-7							H350	
819.	Lead hydrogen arsenate	Carc. 1A	232-064-2	7784-40-9							H350	
820.	1,4,5,8-tetraaminoanthraquinone; C.I. Disperse Blue 1	Carc. 1B	219-603-7	2475-45-8							H350	
821.	N,N,N',N'-tetramethyl-4,4'-methylenedianiline	Carc. 1B	202-959-2	101-61-1							H350	
822.	Thioacetamide	Carc. 1B	200-541-4	62-55-5							H350	
823.	4,4'-thiodianiline and its salts	Carc. 1B	205-370-9	139-65-1							H350	
824.	A mixture of: 1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione; a mixture of oligomers of 3,5-bis(3-aminomethylphenyl)-1-poly[3,5-bis(3-aminomethylphenyl)-2,4,6-trioxo-1,3,5-(1H,3H,5H)-triazin-1-yl]-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione	Carc. 1B	421-550-1	–							H350	
825.	Trichloroethylene	Carc. 1B Muta. 2	201-167-4	79-01-6	54.7	10		164.1	30		H350 H341	Skin ⁽¹⁰⁾
826.	1,2,3-trichloropropane	Carc. 1B	202-486-1	96-18-4							H350	
827.	2,4,5-trimethylaniline	Carc. 1B	205-282-0	137-17-7							H350	
828.	2,4,5-trimethylaniline hydrochloride	Carc. 1B	205-282-0	21436-97-5							H350	
829.	Trisodium-[4'-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo)biphenyl-1,3',3'',1'''-tetraolato-O,O',O'',O''']copper(II)	Carc. 1B	413-590-3	–							H350	
830.	1,2,3,-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Muta. 1B	219-514-3	2451-62-9							H340	
831.	1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	Muta. 1B	423-400-0	59653-74-6							H340	
832.	Tris(2,3-dibromopropyl) phosphate	Carc. 1B		126-72-7							H350	
833.	o-toluidine, 2-aminotoluene	Carc. 1B	202-429-0	95-53-4	0.5	0.1					H350	Skin ⁽¹⁰⁾
834.	o-tolidine based dyes; 4,4'-diaryldazo-3,3'-dimethylbiphenyl dyes, with the exception of those mentioned elsewhere in this list	Carc. 1B	–	–							H350	
835.	Toluene-2,4-diammonium sulphate, 4-methyl-m-phenylenediamine sulphate	Carc. 1B	265-697-8	65321-67-7							H350	
836.	Urethane	Carc. 1B	200-123-1	51-79-6							H350	

837.	Refractory ceramic fibres	Carc. 1B					0.3					
838.	Light oil (coal), coke-oven; Crude benzole	Carc. 1B Muta. 1B	266-012-5	65996-78-3							H350 H340	
839.	Light oil (coal), semi-coking process; Fresh oil	Carc. 1B Muta. 1B	292-635-7	90641-11-5							H350 H340	
840.	Vinyl bromide Bromoethylene	Carc. 1B	209-800-6	593-60-2	4.4	1					H350	
841.	Vinyl fluoride	Carc. 1B Muta. 2		75-02-5							H350 H341	
842.	Vinyl chloride Vinyl chloride monomer	Carc. 1A	200-831-0	75-01-4	2.6	1					H350	
843.	Pitch, coal tar, low-temperature; Pitch residue	Carc. 1B	292-651-4	90669-57-1							H350	
844.	Pitch, coal tar, low-temperature, heat-treated; Pitch residue, oxidised; Pitch residue, heat-treated	Carc. 1B	292-653-5	90669-58-2							H350	
845.	Pitch, coal tar, low-temperature, oxidised; Pitch residue, oxidised	Carc. 1B	292-654-0	90669-59-3							H350	
846.	Tar, coal, low-temperature, distillation residues; Tar oil, intermediate boiling	Carc. 1B	309-887-1	101316-85-2							H350	
847.	Tar oils, coal, low-temperature; Tar oil, high boiling	Carc. 1B Muta. 1B	309-889-2	101316-87-4							H350 H340	

Notes.

(1) The EC No., i. e. European Inventory of Existing Commercial Chemical Substance (EINECS) or European List of Notified Chemical Substances (ELINCS), or a list of “No-longer-polymers” (NLP), is the official number of the substance within the European Union, as specified in Section 1.1.1.2 of Part 1 of Annex VI to Regulation (EC) No 1272/2008.

(2) CAS No.: Chemical Abstracts Service registry number.

(3) Measured or calculated in respect of a comparable eight-hour period.

(4) Short-term exposure limit (STEL). The limit the exposure of which may not be exceed and which refers to a 15-minute period, unless otherwise specified.

(5) mg/m³ = milligrams per cubic metre of air at 20 °C and 101.3 kPa (760 mm mercury pressure).

(6) ppm = parts per million by volume in air (ml/m³).

(7) f/ml = fibres per millilitre.

(8) Inhalable fraction: if hardwood dusts are mixed with other wood dusts, the limit value shall apply to all wood dusts present in that mixture.

(9) Inhalable fraction.

⁽¹⁰⁾ Substantial contribution to the total body burden via dermal exposure possible.

⁽¹¹⁾ Inhalable fraction for cadmium if biomonitoring approach is not implemented. Respirable fraction for cadmium by using biomonitoring approach with a biological exposure indicator not exceeding 2µg Cd/g of creatinine in urine shall be in force until 11 July 2027.

**Processes (Works) in Which It is Possible to Come in Contact with
Carcinogens**

[7 April 2015; 7 January 2020; 18 February 2021]

1. Processes (works) in which it is possible to come in contact with carcinogens are as follows:
 - 1.1. manufacture of auramine;
 - 1.2. work involving exposure of employees to polycyclic aromatic hydrocarbons present in coal soot, tar, and pitch;
 - 1.3. work during which employees come in contact with dust, fumes, and sprays produced during the roasting or electro-refining of cupro-nickel mattes;
 - 1.4. strong acid processes in the production of isopropyl alcohol;
 - 1.5. work involving exposure of employees to hardwood dust;
 - 1.6. work involving exposure to the inhalable crystalline silica dust produced during the work process;
 - 1.7. work involving contact of such mineral oils with skin which were previously used for the lubrication and cooling of moving parts of an internal combustion engine;
 - 1.8. work involving exposure to exhaust emissions from diesel engines.
2. Technological developments and creation of new processes shall be taken into account in assessing whether the work is equivalent to the works referred to in this Annex and whether it is possible to come in contact with carcinogenic substances therein.

Minister for Welfare

I. Purne