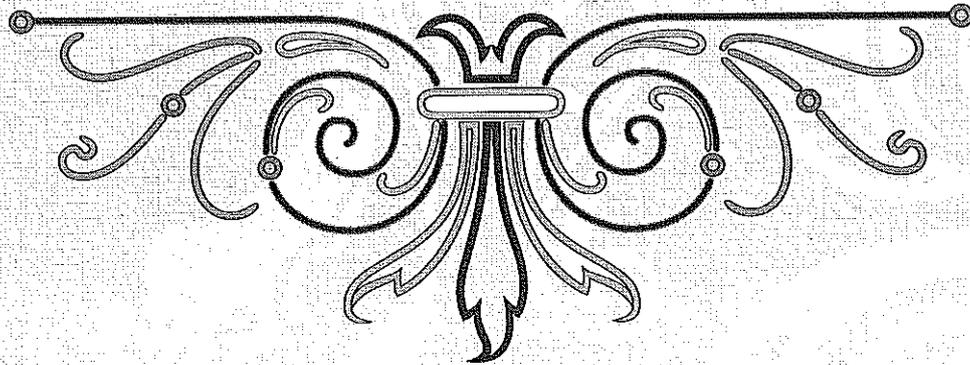


**Ministerial Decision No. 25/2009 Issuing the
Regulations for Organization of Handling and
Use of Chemicals**



Ministerial Decision

No. (25/2009)

Issuing the Regulations for Organization of Handling and Use of Chemicals

Based on Royal Decree No. (77/82) on the Use and Handling of Explosives in the Sultanate,

And the Law of Handling and Use of Chemicals issued by Royal Decree No. (46/95),

And the Law of Conservation of the Environment and Prevention of Pollution issued by Royal Decree No. (114/2001),

And the Regulations for the Registration of Chemical Substances and the Relevant Permits issued by Ministerial Decision No. (248/97),

And the Ministerial Decision No. (316/2001) on the Prohibition of Certain Chemicals,

And the Regulations for the Packing, Packaging and Labeling of Hazardous Chemicals issued by Ministerial Decision No. (317/2001),

And according to the requirements of the public interest.

Has decided:

Article (1): The provisions of the attached Regulations for Organization of Handling and Use of Chemicals shall come into effect.

Article (2): The Ministerial Decision No. (316/2001) referred to shall be cancelled, and all provisions contradicting or contravening the attached regulations shall be cancelled.

Article (3): This Decision shall be published in the Official Gazette and shall come into force from the day following the data of its publication.

Hamoud bin Faisal Al Busaidi

Minister of Environment and

Climate Affairs

Issued on : 16 Jumada Al Thani 1430 AH

C. T. : 10 June 2009



Regulations for the Organization of Handling and Use of Chemicals

Article (1): The following words and terms shall have the meanings explained herein unless otherwise stated:

Ministry: The Ministry of Environment and Climate Affairs.

Minister: The Minister of Environment and Climate Affairs.

Chemical: Any substance, enlisted, as hazardous material according to the International Classification of Hazardous Material, which affects the public health and the environment.

Explosives defined in the referred Royal Decree concerning the Use and Handling of Explosives are excluded.

User: Any natural or juridical person who has obtained a permit from the Department to handle or use chemicals.

Handling: Any deal with chemical between natural or juridical persons, by sale, purchase, distribution, use, manufacture, import, export, re-export, transport, storage or discharge.

Article (2): The user of the chemical substance, in the event of storage, shall comply with the following conditions:

- 1 - Store chemicals in designated areas away from industrial activities, each type to be separated, and a partition of 10 meter width shall be made between the flammable materials and any source of combustion and they shall be separated from any facility for the production of flammable materials by 3 m.
- 2 - They shall be stored in an orderly and harmonized manner with labeling of each chemical showing its common name, chemical composition and degree of risk, with chemical containers not to be placed on each other in an accumulated manner, and flammable materials to be kept away for a distance of not less than one meter from the warehouse doors.
- 3 - The roofs of the store shall be designed in such a manner that prevents accumulation of smoke which may result from any fire.
- 4 - The store shall have at least two emergency gates for use in emergency cases with emergency signs affixed to the gates.



- 5 - The floor of the store shall be lined with impermeable materials, preventing any shock or electrical short, non-slippery and its walls and structures shall be non-flammable.
- 6 - The store shall have outlets and back-up emergency ducts in case of leakage of rain water.
- 7 - Electrical connections shall not be bare, shall be connected in parallel and maintained to permanently ensure their safety.
- 8 - The store shall be provided with adequate and secure lightening at all times and the operating keys shall be outside the store near its gate.
- 9 - The store shall be far from any source of heat or any flammable source.
- 10- It shall contain odors, gases and smoke suction and exhaust devices.
- 11- The store shall be well ventilated with sound insulation to prevent any echo, which may lead to fall or collision accidents.
- 12- The store shall be provided with security and safety devices to be decided by the competent authorities.
- 13- The store shall contain guidelines and warning signs of various types of risks.
- 14- The store entrances shall be controlled, monitored and supervised in a safe and sound manner with prohibition of entry to non-authorized staff.
- 15- Review the Material Safety Data Sheets when a chemical substance spills, leaks, or any other emergency incidents.
- 16- No construction, extension or change in the store or any removal works unless after the approval of the Ministry and The Directorate General of Civil Defense, Royal Oman Police.

Article (3): The user of any chemical substance stated in Annex (1) shall submit the academic qualifications of the technical working team supervising its use to the Department; shall be committed not to exceed the quantity specified in the permit issued to him and not to sell it in the local market.

Article (4): Handling and use of any chemical substance stated in Annex (2) is prohibited; and the user is committed to notify the Department of any stock during two months from the date of enforcement of this decision, and to be disposed of in accordance with the conditions and procedures specified by the Ministry.

Article (5): The user of chemical substance shall be committed to prepare a contingency plan to deal with it within and outside the establishment, and shall train the authorized staff within the establishment in the mechanism of its application.

Article (6): It is permissible to the Ministry to issue permits, for experimental use and scientific research only, for any chemical substance listed in Annex (2) to research centers, scientific and educational institutions and labs.

Article (7): The provisions of these Regulations shall not be applicable to the following:

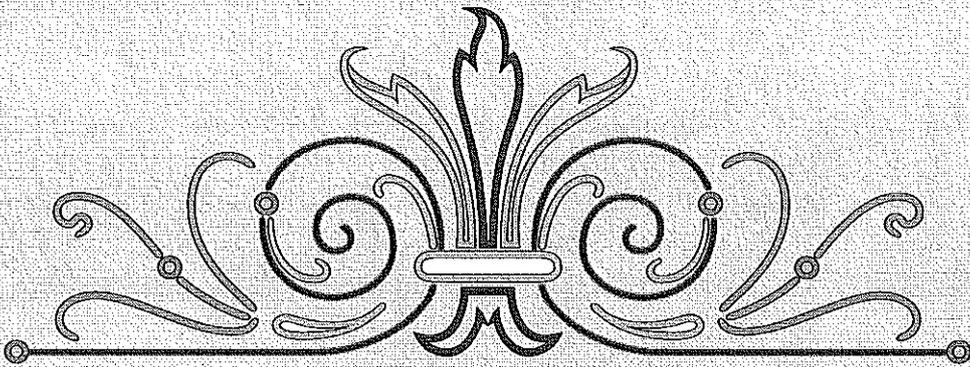
a- Pharmaceutical and medical drugs.

b- Explosives as stated in Royal Decree No. (82/77).

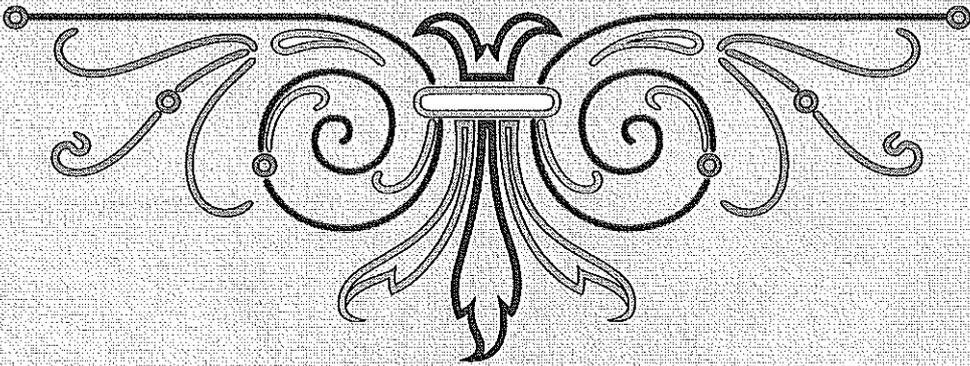
Article (8): Offenders of the provisions of these Regulations shall be liable to penalties stated in the referred to Law of Handling and Use of Chemicals.

In the event the violation continued for more than one month from the data of the offense, the Ministry may stop the offender from practicing his activity in accordance to the procedures stated in Article (4) of the referred to Law of Handling and Use of Chemicals, and not to permit him to handle or use chemicals until the removal of the causes and impacts of the violation at his own expense.





**Annex Of
Ministerial Decision No. 25/2009**



ملحق رقم (1)

Annex (1)

NO.	Common name	CAS Number	Restricted
1	Trichlorotrifluoroethane CFC-113 (C ₂ F ₃ Cl ₃)	76-13-1	Ozone
2	Acetochlor	123113-74-6	Agriculture
3	Aluminum Phosphide	20859-73-8	Agriculture
4	Bendiocarb	22781-23-3	Agriculture
5	Brodifacoum	56073-10-0	Agriculture
6	Bromadiolone	28772-56-7	Agriculture
7	Bromochlorodifluoromethane Halon-1211 (CF ₂ BrCl)	353-59-3	Ozone
8	Bromotrifluoromethane Halon-1301 (CF ₃ Br)	75-63-8	Ozone
9	Cadusafos (Codusafos)	95465-99-9	Agriculture
10	Carbofuran	1563-66-2	Agriculture
11	Chloroheptafluoropropane CFC-217 (C ₃ F ₇ Cl)	422-86-6	Ozone
12	Chlorophacinone	3691-35-8	Agriculture
13	Chlorotrifluoromethane CFC-13 (CF ₃ Cl)	75-72-9	Ozone
14	Chlorpyrifos	39475-55-3	Agriculture
15	Cyhalothrin	91465-08-6	Agriculture
16	Cypermethrin	97955-44-7	Agriculture
17	Dibromotetrafluoroethane Halon-2402 (C ₂ F ₄ Br ₂)	124-73-2	Ozone
18	Dichlorotrifluoroethane HCFC-132 (C ₂ HF ₃ Cl ₂)	1649-08-7	Ozone
19	Dichlorodifluoromethane CFC-12 (CCl ₂ F ₂)	75-71-8	Ozone
20	Dichlorofluoroethane HCFC-141 (C ₂ H ₃ FCl ₂)	1717-00-6	Ozone
21	Dichlorofluoromethane HCFC-21 (CHFCl ₂)	75-43-4	Ozone



تابع ملحق رقم (1)

Annex (1) Cont.

NO.	Common name	CAS Number	Restricted
22	Dichlorohexafluoropropane CFC-216 (C ₃ F ₆ Cl ₂)	661-97-2	Ozone
23	Dichloropentafluoropropane HCFC-225ca (CF ₃ CF ₂ CHCl/ C ₃ HF ₅ Cl ₂)	422-56-0	Ozone
24	Dichloropentafluoropropane HCFC-225cb (CF ₂ ClCF ₂ CHClF/ C ₃ HF ₅ Cl ₂)	507-55-1	Ozone
25	Dichlorotetrafluoroethane CFC-114 (C ₂ F ₄ Cl ₂)	76-14-2	Ozone
26	Dichlorotetrafluoropropane HCFC-234 (C ₃ H ₂ F ₄ Cl ₂)	425-94-5	Ozone
27	Dichlorotrifluoroethane HCFC-123 (C ₂ HF ₃ Cl ₂)	306-83-2	Ozone
28	Difenacuum	56073-07-5	Agriculture
29	Diflubenzuron	66594-18-1	Agriculture
30	Ethoprophos	13194-48-4	Agriculture
31	Fenamiphos	22224-92-6	Agriculture
32	Fenthion	55-38-9	Agriculture
33	Fipronil	120068-37-3	Agriculture
34	Heptachlorofluoropropane CFC-211 (C ₃ FCl ₇)	422-78-6	Ozone
35	Hexachlorodifluoropropane CFC-212 (C ₃ F ₂ Cl ₆)	3182-26-1	Ozone
36	Hexachlorofluoropropane HCFC-221 (C ₃ HFCl ₆)	422-26-4	Ozone
37	Imidacloprid	138261-41-3	Agriculture
38	Lead	7439-92-1	Industrial
39	Magnesium phosphide	12057-74-8	Agriculture
40	Mercury	7439-97-6	Industrial
41	Methomyl	16752-77-5	Agriculture



تابع ملحق رقم (١)

Annex (1) Cont.

NO.	Common name	CAS Number	Restricted
42	Methyl Bromide (CH ₃ Br)	74-83-9	Ozone & Agriculture
43	1-Chloro-1, 1- difluoroethane / Monochlorodifluoroethane HCFC-142b (CH ₃ CF ₂ Cl/C ₂ H ₃ F ₂ Cl)	75-68-3	Ozone
44	Chlorodifluoromethane HCFC-22 (CHF ₂ Cl)	75-45-6	Ozone
45	Monochlorofluoromethane HCFC-31 (CH ₂ FCI)	593-70-4	Ozone
46	Monochlorohexafluoropropane HCFC-226 (C ₃ HF ₆ Cl)	431-87-8	Ozone
47	Chloropentafluoroethane CFC-115 (C ₂ F ₅ Cl)	76-15-3	Ozone
48	Chlorotetrafluoroethane HCFC-124 (C ₂ HF ₄ Cl)	2837-89-0	Ozone
49	Monochlorotrifluoroethane HCFC-133 (C ₂ H ₂ F ₃ Cl)	75-88-7	Ozone
50	Oxamyl	23135-22-0	Agriculture
51	Pentachlorodifluoropropane HCFC-222 (C ₃ HF ₂ Cl ₅)	422-49-1	Ozone
52	Pentachlorofluoroethane CFC-111 (C ₂ FCI ₅)	354-56-3	Ozone
53	Pentachlorofluoropropane HCFC-231 (C ₃ H ₂ FCI ₅)	421-94-3	Ozone
54	Pentachlorotrifluoropropane CFC-213 (C ₃ F ₃ Cl ₅)	2354-06-5	Ozone
55	Rotenone	83-79-4	Agriculture
56	Sodium methyldithiocarbamate (Methyl - isothiocyanat)	144-54-7	Agriculture
57	Starlicide	95-74-9	Agriculture
58	Sulfuryl Fluoride	2699-79-8	Agriculture
59	Sulprofos	35400-43-2	Agriculture



تابع ملحق رقم (١)

Annex (1) Cont.

NO.	Common name	CAS Number	Restricted
60	Tetrachlorodifluoroethane CFC-112 (C ₂ F ₂ Cl ₄)	76-12-0	Ozone
61	Terachlorofluoroethane HCFC-121 (C ₂ HFCl ₄)	354-14-3	Ozone
62	Tergitrol		Agriculture
63	Tetrachlorodifluoropropane HCFC-232 (C ₃ H ₂ F ₂ Cl ₄)	460-89-9	Ozone
64	Tetrachlorotetrafluoropropane CFC-214 (C ₃ F ₄ Cl ₄)	29255-31-0	Ozone
65	Tetrachlorotrifluoropropane HCFC-223 (C ₃ HF ₃ Cl ₄)	422-52-6	Ozone
66	Thiram	137-26-8	Agriculture
67	Trichlorodifluoroethane HCFC-122 (C ₂ H ₂ F ₂ Cl ₃)	354-21-2	Ozone
68	Trichlorofluoroethane HCFC-131 (C ₂ H ₂ FCl ₃)	359-28-4	Ozone
70	Trichlorofluoromethane CFC-11(C F Cl ₃)	75-69-4	Ozone
71	Trichloropentafluoropropan CFC-215 (C ₃ F ₅ Cl ₃)	4259-43-2	Ozone
72	Trichlorotetrafluoropropane HCFC-224 (C ₃ HF ₄ Cl ₃)	422-54-8	Ozone
73	Trichlorotrifluoropropane HCFC-233 (C ₃ H ₂ F ₃ Cl ₃)	7125-84-0	Ozone
74	Zinc Phosphide	12037-79-5	Agriculture



ملحق رقم (٢)

Annex (2)

No.	Common name	CAS Number	Prohibited
1	1, 2- Dichloroethane (Ethylene dichloride)	107-06-2	Agriculture
2	2,4 -Dichlorophenoxy Acetic Acid		Agriculture
3	1,1,1-Trichloroethane (Methyl Chloroform) (C ₂ H ₃ Cl ₃)	71-55-6	Ozone
4	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	Agriculture
5	1,3 Dichloropropene	26952-23-8	Agriculture
6	Acephate	30560-19-1	Agriculture
7	Acrolein	107-02-8	Agriculture
8	Acrylonitrile	107-13-1	Agriculture
9	Alachlor	15972-60-8	Agriculture
10	Aldicarb	116-06-3	Agriculture
11	Aldrin	309-00-2	Stockholm*
12	Alpha-hexachlorocyclohexane	319-84-6	Stockholm*
13	Amitraz	72-20-8	Agriculture
14	Amitrole (Aminotripole)	61-82-5	Agriculture
15	Aramite	140-57-8	Agriculture
16	Arsenic compounds:- - Arsenic Acid - Arsenic Pentoxide - Arsenic Trioxide - Arsenic Trisulfide - Sodium Arsenite - ..etc	7778-39-4 1303-28-2 1327-53-3 1303-33-9 7784-46-5	Agriculture
17	Asbestos :- - Actinolite - Anthophyllite - Amosite - Crocidolite - Tremolite - Chrysotile	77536-66-4 77536-67-5 12172-73-5 12001-28-4 77536-68-6 12001-29-5	Industrial



تابع ملحق رقم (٢)

Annex (2) Cont.

No.	Common name	CAS Number	Prohibited
18	Atrazine	93616-39-8	Agriculture
19	Azinphos-ethyl	2642-71-9	Agriculture
20	Azinphos-methyl	86-50-0	Agriculture
21	Benomyl	17804-35-2	Agriculture
22	Benzen hexachloride		Agriculture
23	Beta-hexachlorocyclohexane	319-85-7	Stockholm*
24	Bifenthrin	9288-07-9	Agriculture
25	Binapacryl	485-31-4	Agriculture
26	Bomyl	122-10-1	Agriculture
27	Bromochloromethane(CH ₂ BrCl)	83847-49-8	Ozone
28	Bromophos - ethyl	2104-96-3	Agriculture
29	- Cadmium & Cadmium Compounds:-		Agriculture
30	Calcium Cyanide	592-01-8	Agriculture
31	Camphechlor (Toxaphene)	8022-04-6	Agriculture
32	Captafol	2425-06-1	Agriculture
33	Captan	37335-15-2	Agriculture
34	Carbaryl	63-25-2	Agriculture
35	Carbon Bisulphide	75-15-0	Agriculture
36	Carbon Tetrachloride (CCl ₄)	56-23-5	Agriculture & Ozone
37	Chlordane	57-74-9	Stockholm*
38	Chlordecone	143-50-0	Stockholm*
39	Chlordimeform	6164-98-3	Agriculture
40	Chlormephos	24934-91-6	Agriculture
41	Chlorobenzilate	510-15-6	Agriculture
42	Chloroform	67-66-3	Agriculture



تابع ملحق رقم (٢)

Annex (2) Cont.

No.	Common name	CAS Number	Prohibited
43	Chlorophenoxy herbicides (2,4,5-Trichlorophenoxy Acetic Acid)	93-76-5	Agriculture
44	Chloropicrin	76-06-2	Agriculture
45	Chlorothalonil	37223-69-1	Agriculture
46	Chlorthiophos	60238-56-4	Agriculture
47	Commercial octabromodiphenyl Ether (c-octaBDE)	68631-49-2 207122-15-4 446255-22-7 207122-16-5	Stockholm*
48	Commercial pentabromodiphenyl Ether (c-pentaBDE)	40088-47-9 32534-81-9	Stockholm*
49	Crimidine	535-89-7	Agriculture
50	Cyanamide	65931-45-5	Agriculture
51	Cyanazine	21725-46-2	Agriculture
52	Cycloheximide	66-81-9	Agriculture
53	Cyhexatin	13121-70-5	Agriculture
54	DBCP (1,2-dibromo-3-chloropropane)	96-12-8	Agriculture
55	DDT	50-29-3	Stockholm*
56	Demeton	8065-48-3	Agriculture
57	Demeton-S-methyl	919-86-8	Agriculture
58	Dichlorovos	95828-55-0	Agriculture
59	Diclofop-methyl	75045-48-6	Agriculture
60	Dicofol	115-32-2	Agriculture
61	Dicrotophos	141-66-2	Agriculture
62	Dieldrin	60-57-1	Stockholm*
63	Dimefox	115-26-4	Agriculture
64	Dimethoate	79956-18-6	Agriculture

تابع ملحق رقم (٢)

Annex (2) Cont.

No.	Common name	CAS Number	Prohibited
65	Dinitro-ortho-cresol (DNOC) And its Salts (Such as Ammonium salt, potassium salt and sodium salt)	534-52-1 2980-64-5 5787-96-2 2312-76-7	Agriculture
66	Dinoseb and Dinoseb salts	88-85-7	Agriculture
67	Disulfoton	298-04-4	Agriculture
68	Endosulfan	115-29-7	Agriculture
69	Endrin	72-20-8	Stockholm*
70	EPN	2104-64-5	Agriculture
71	Ethylpyrophosphate(tetraethyl - pyrophosphate (TEPP))	13194-48-4	Agriculture
72	Ethylene Oxide	75-21-8	Agriculture
73	Fensulfothion	115-90-2	Agriculture
74	Flourine Compounds:- - Fluorine - Sodium fluoride - Fluoracetamide ect..	7782-41-4 7783-37-1 640-19-7	Agriculture
75	Flucythrinate	71611-31-9	Agriculture
76	Folpet	52306-33-9	Agriculture
77	Fonofos	944-22-9	Agriculture
78	Fosthietan	21548-32-3	Agriculture
79	Heptachlor	76-44-8	Stockholm*
80	Hexabromobiphenyl	36355-01-8	Stockholm*
81	Hexachlorocyclohexane Isomers(HCH)	27154-44-5	Agriculture
82	Hexachlorobenzene (HCB) (Benzen hexachloride)	118-74-1	Stockholm*
83	Isazophos (Isazofos)	65357-77-9	Agriculture
84	Isobenzan	297-78-9	Agriculture
85	Isodrin (Isomers of eldrine)	465-73-6	Agriculture



تابع ملحق رقم (٢)

Annex (2) Cont.

No.	Common name	CAS Number	Prohibited
86	Kelevan	4234-79-1	Agriculture
87	Lead Compounds:- - Lead (II) Nitrate - Lead Arsenate - Lead Carbonate - Lead Chloride - Lead chromate etc...	10099-74-8 7645-25-2 598-63-0 7758-95-4 7758-97-6	Agriculture
88	Leptophos	21609-90-5	Agriculture
89	Lindane	608-73-1	Agriculture
90	Lindane (gamma-HCH)	58-89-9	Stockholm*
91	Linuron	56645-87-5	Agriculture
92	Mancozeb	84070-12-2	Agriculture
93	Maneb	301-03-1	Agriculture
94	Mephosfolan	950-10-7	Agriculture
95	Mercuric Compounds:- - Mercurous chloride - Mercury (II) Acetate - Mercury (II) Nitrate - Mercury (II) Thiocyanate - Mercurous Oxide etc...	7546-30-7 1600-27-7 10045-94-0 592-85-8 21908-53-2	Agriculture
96	Methamidophos	10265-92-6	Agriculture
97	Methidathion	950-37-8	Agriculture
98	Methiocarb	716-16-5	Agriculture
99	Methoxychlor	72-43-5	Agriculture
100	Mevinphos	7786-34-7	Agriculture
101	Mirex	2385-85-5	Stockholm*
102	Monocrotophos	6923-22-4	Agriculture



تابع ملحق رقم (٢)

Annex (2) Cont.

No.	Common name	CAS Number	Prohibited
103	Morfamquat	7411-47-4	Agriculture
104	Nicotine	65-31-6	Agriculture
105	Nitrofen	1836-75-5	Agriculture
106	Oxydemeton – methyl	301-12-2	Agriculture
107	Oxydeprofos	2674-91-1	Agriculture
108	Paraquat	2074-50-2	Agriculture
109	Parathion - ethyl	8057-70-3	Agriculture
110	Parathion - methyl	63653-66-7	Agriculture
111	Pentachlorobenzene	608-93-5	Stockholm*
112	Pentachlorophenol		Agriculture
113	Pentachlorophenol Sodium		Agriculture
114	Perfluorooctane sulfonic acid, its salts, and perfluorooctane sulfonyl fluoride		Stockholm*
115	Permethrin	52645-53-1	Agriculture
116	Phorate	298-02-2	Agriculture
117	Phosfolan	947-02-4	Agriculture
118	Phosphamidon	13171-21-6	Agriculture
119	Picloram	1918-02-1	Agriculture
120	Polychlorinated Biphenyls (PCBs)	1336-36-3	Stockholm*
121	Polychlorinated Dibenzo-p-dioxins & dibenzofurans (PCDD/PCDF)	(By products)	Stockholm*
122	Profenofos	61287-51-2	Agriculture
123	Pronamide	66393-62-2	Agriculture
124	Propargite	60098-53-5	Agriculture
125	Propetamphos	31218-83-4	Agriculture
126	Propoxur	114-26-1	Agriculture
127	Prothoate	2275-18-5	Agriculture



تابع ملحق رقم (٢)

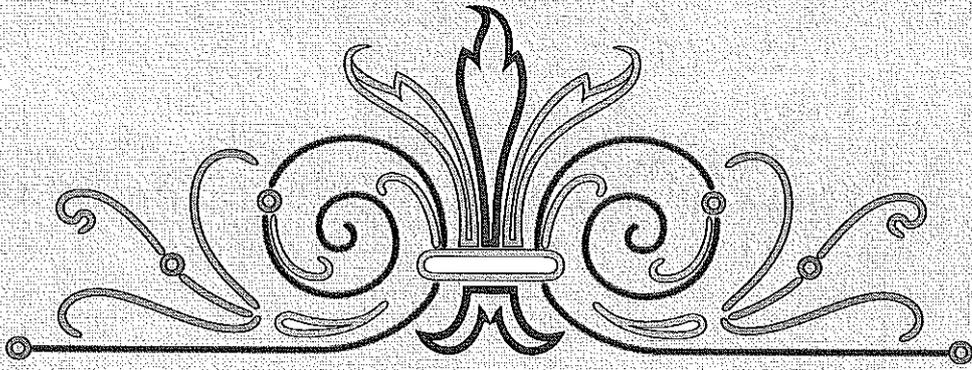
Annex (2) Cont.

No.	Common name	CAS Number	Prohibited
128	Quintozene	82-86-8	Agriculture
129	Schradan	152-16-9	Agriculture
130	Simazine	39291-64-0	Agriculture
131	Sodium Cyanides	143-33-9	Agriculture
132	Sodium Fluoroacetate	62-74-8	Agriculture
133	Stroban	8001-50-1	Agriculture
134	Strychnine	6899-11-2	Agriculture
135	Sulfotep	8054-28-2	Agriculture
136	TDE	1954-28-5	Agriculture
137	Tebupirimfos	96182-53-5	Agriculture
138	Tefluthrin	93907-48-3	Agriculture
139	Terbufos	13071-79-9	Agriculture
140	Tetradifon	116-29-0	Agriculture
141	Tetraethylpyrophosphate		Agriculture
142	Thalium Sulphate	10031-59-1	Agriculture
135	Thionazin	297-97-2	Agriculture
143	Tributyltin	36643-28-4	Agriculture
144	Tributyltin hydroxide (Fentin hydroxide)	76-87-9	Agriculture
145	Zineb	12122-67-7	Agriculture

ملحوظة :

* يقصد بالمواد المشار أمامها بعلامة (x) بالمواد الكيميائية التي تنتمي الى قوائم اتفاقية استوكهولم والمصادق عليها من السلطنة بموجب المرسوم السلطاني رقم (٢٠٠٤/١١٧)





ملحق (٢) في القرار الوزاري رقم (٢٥/٢٠٠٩)
المواد المحظورة

