1973. No. 467 **[NC]**

PETROLEUM

Corrosive Substances

ORDER, DATED THE 19TH DAY OF NOVEMBER 1973, MADE BY THE SECRETARY OF STATE UNDER SECTION 19 OF THE PETROLEUM (CONSOLIDATION) ACT (NORTHERN IRELAND) 1929.

In exercise of the powers conferred on me by section 19 of the Petroleum (Consolidation) Act (Northern Ireland) 1929(**a**) and section 1(1) of the Northern Ireland (Temporary Provisions) Act 1972(**b**) and of all other powers enabling me in that behalf I hereby make the following Order:—

Application of the Act of 1929 *to certain substances*

1.—(1) Sections 6, 13(2) and (3), 14, 15, 16 and 18 of the Petroleum (Consolidation) Act (Northern Ireland) 1929 shall apply to—

(*a*) the substances specified in the first column of Part I or Part II of Schedule 1 to this Order, being substances which are known also by the name or names (if any) mentioned in the second column thereof; and

(*b*) any solution or mixture which contains—

(i) any quantity of hydrofluoric acid, or

(ii) 5 per cent or more by weight or any other substance or substances so specified in Part I of the said Schedule.

(2) In the application of the provisions of the said section 13(2) by virtue of this Order, those provisions shall have effect subject to the following modifications, that is to say—

(*a*) for the words "occurs by explosion or by fire" there shall be substituted the words "as a result of corrosion occurs";

(*b*) the words "if the explosion or fire involved petroleum spirit" shall be omitted;

(*c*) the words "where the petroleum spirit carried or loaded on, or unloaded from, the ship or vehicle is or was for use only on that ship or vehicle or" shall be omitted.

Order of 1949 *not to apply to certain substances*

2. In the Schedule to the Petroleum (Inflammable Liquids and Other Dangerous Substances) Order (Northern Ireland) 1949(**c**) the substances specified in Schedule 2 to this Order shall be omitted.

Citation

3. This Order may be cited as the Petroleum (Corrosive Substances) Order (Northern Ireland) 1973.

Dated this 19th day of November 1973.

W. S. I. Whitelaw,
One of Her Majesty's Principal Secretaries of State.

(**a**) 20 Geo. 5 c. 13 (N.I.).
(**b**) 1972. c. 22.
(**c**) S.R. & O. (N.I.) 1949, No. 80.

SCHEDULE 1 Article 1

Corrosive substances to which sections 6, 13(2) and (3), 14, 15, 16 and 18 apply

PART I

Name of substance	*Alternative name or names*
Acetic anhydride	Acetic oxide Acetyl oxide Ethanoic anhydride
Acetyl bromide	
Acetyl chloride	
Acetyl iodide	
Allyl chloroformate	Allyl chlorocarbonate
Allyl iodide	
Allyltrichlorosilane	
Aluminium bromide	
Aluminium chloride	
Ammonium hydrogen difluoride	Ammonium acid fluoride Ammonium bifluoride
Anisoyl chloride	
Antimony pentachloride	Antimony perchloride
Antimony pentafluoride	
Antimony trichloride	Antimony chloride
Benzoyl chloride	
Benzyl chloroformate	Benzyl chlorocarbonate
Boron trichloride	
Boron trifluoride, acetic acid complex	
Boron trifluoride, propionic acid complex	
Bromine	
Bromine pentafluoride	
Bromine trifluoride	
Bromoacetic acid	
Butyltrichlorosilane	
Calcium hydrogen sulphite	Calcium bisulphite
Chlorine trifluoride	
Chloroacetic acid	Monochloroacetic acid
Chloroacetyl chloride	
Chlorophenyltrichlorosilane	
Chlorosulphonic acid	
Chromic acid	
Chromic fluoride	Chromium fluoride
Chromyl chloride	Chromium oxychloride
Cyclohexenyltrichlorosilane	
Cyclohexyltrichlorosilane	
Dibenzyldichlorosilane	Di(phenyl methyl)dichlorosilane
Dichloroacetic acid	
Dichloroacetyl chloride	
Dichlorophenyltrichlorosilane	
Diethyldichlorosilane	
Difluorophosphoric acid	
Diphenyldichlorosilane	
Dodecyltrichlorosilane	
Ethylphenyldichlorosilane	

Name of substance	*Alternative name or names*
Ferric chloride	Ferric perchloride Iron chloride Iron perchloride Iron sesquichloride Iron trichloride
Fluoroboric acid	Hydrofluoboric acid
Fluorophosphoric acid	
Fluorosilicic acid	Hydrofluosilicic acid Hydrosilicofluoric acid Silicofluoric acid
Fluorosulphonic acid	
Formic acid	Hydrogen carboxylic acid
Fumaroyl chloride	trans-Butenedioyl chloride Fumaryl chloride
Hexadecyltrichlorosilane	
Hexafluorophosphoric acid	
Hexyltrichlorosilane	
Hydriodic acid	Hydrogen iodide, solutions
Hydrobromic	Hydrogen bromide, solutions
Hydrochloric acid	Hydrogen chloride, solutions Muriatic acid
Hydrofluoric acid	Hydrogen fluoride, solutions
4-Hydroxybenzenesulphonic acid	Phenolsulphonic acid Sulphocarbolic acid
Iodine chloride	
Mercaptoacetic acid	Thioglycollic acid
Methacrylic acid	
Methylphenyldichlorosilane	
Nitric acid	
Nitrohydrochloric acid	Aqua regia Nitromuriatic acid
Nonyltrichlorosilane	
Octadecyltrichlorosilane	
Octyltrichlorosilane	
Oleum	Pyrosulphuric acid Sulphuric acid, fuming
Pentyltrichlorosilane	Amyltrichlorosilane
Phenyltrichlorosilane	
Phosphorus pentachloride	Phosphoric pentachloride Phosphoric perchloride
Phosphorus pentoxide	Phosphoric anhydride Phosphoric oxide
Phosphorus tribromide	Phosphorus bromide
Phosphorus trichloride	Phosphorus chloride
Phosphoryl bromide	Phosphorus oxybromide
Phosphoryl chloride	Phosphorus oxychloride
Pivaloyl chloride	Trimethylacetyl chloride
Potassium hydrogen difluoride	Potassium bifluoride Potassium acid fluoride Potassium hydrogen fluoride

Name of substance	*Alternative name or names*
Potassium hydroxide	Caustic potash; Potash lye
Potassium oxide	
Potassium sulphide	
Propionyl chloride	Propanoyl chloride
Propyltrichlorosilane	
Pyrosulphuryl chloride	Disulphuryl chloride
Selenic acid	
Silicon tetrachloride	
Soda lime	
Sodium aluminate	
Sodium hydrogen difluoride	Sodium bifluoride; Sodium acid fluoride
Sodium hydrogen sulphite	Sodium bisulphite
Sodium hydroxide	Caustic lye; Caustic soda; Soda lye
Sodium oxide	
Stannic chloride	Tin chloride; Tin tetrachloride
Stannic chloride pentahydrate	
Sulphur dichloride	
disSulphur dichloride	Sulphur chloride; Sulphur monochloride
Sulphuric acid	Oil of vitriol
Sulphur trioxide	
Sulphurous acid	
Sulphuryl chloride	Sulphuric oxychloride
Tetramethylammonium hydroxide	
Thionyl chloride	
Thiophosphoryl chloride	Phosphorus sulphochloride
Titanium tetrachloride	Titanic chloride
Titanium trichloride	Titanous chloride
Trichloroacetic acid	
Trichloroacetyl chloride	
Vanadium oxytrichloride	
Vanadium tetrachloride	
Zinc chloride	

PART II

Hydrazine (anhydrous); and aqueous solutions containing more than 50 per cent by weight of hydrazine	
Lead sulphate (containing more than 3 per cent by weight of free acid)	
Perchloric acid (containing not more than 50 per cent by weight of acid)	
Sodium chlorite (solutions containing more than 5 per cent by weight of available chlorine)	
Sodium hypochlorite (solutions containing more than 5 per cent by weight of available chlorine)	Bleach liquor; Hypochlorite solutions
Sodium sulphide (containing more than 30 per cent by weight of water)	

SCHEDULE 2 Article 2

Corrosive substances to be omitted from the Schedule to the Petroleum (Inflammable Liquids and Other Dangerous Substances) Order (Northern Ireland) 1949

Acetic acid of 60 per cent strength and over
Acetic anhydride
Acetyl chloride
Aluminium chloride (anhydrous)
Ammonium bifluoride
Antimony pentachloride
Benzoyl chloride
Benzyl chloride
Bromine
Caustic potash solution of 25 per cent strength and over
Caustic soda solution of 25 per cent strength and over
Chlor-sulphonic acid
Chromic acid
Formic acid
Hydrobromic acid
Hydrochloric acid of 16 per cent strength and over
Hydrochloric acid and nitric acid mixtures
Hydrofluoric acid
Mono-chlor-acetic acid
Nitric acid of 22 per cent strength and over
Phosphorus oxychloride
Phosphorus trichloride
Potassium bifluoride
Sodium bifluoride
Stannic chloride (anhydrous)
Sulphur dichloride
Sulphur monochloride
Sulphuric acid of specific gravity greater than 1.40
Sulphuric acid and nitric acid mixtures
Sulphuryl chloride
Thionyl chloride
Titanium tetrachloride

EXPLANATORY NOTE

(This note is not part of the Order, but is intended to indicate its general purport.)

The Petroleum (Inflammable Liquids and Other Dangerous Substances) Order (Northern Ireland) 1949 applied sections 6, 13(2) and (3), 14, 15, 16 and 18 of the Petroleum (Consolidation) Act (Northern Ireland) 1929 to the substances specified in the Schedule to that Order, including certain corrosives.

This present Order makes fresh provision in respect of the application of these provisions to corrosives (Schedule 1) and, as respects those specified in Schedule 2, provides that the Order of 1949 shall cease to have effect (Article 2).

Under the provisions as applied the Minister is empowered to make regulations as to the conveyance of the corrosives by road and for protecting persons and property from danger with such conveyance.

In addition, the provisions as applied require notice of certain accidents in connection with the corrosives to be given to the Minister, empower him to direct an inquiry to be made in regard thereto, make provision in regard to inquests and confer certain powers on Magistrates' Courts and on Government Inspectors in relation to the corrosives.