

## 1968 No. 570

## PETROLEUM

**The Petroleum (Inflammable Liquids) Order 1968***Made* - - - 8th April 1968*Coming into Operation* 1st August 1968

At the Court at Windsor Castle, the 8th day of April 1968

Present,

The Queen's Most Excellent Majesty in Council

Her Majesty, in exercise of the powers conferred on Her by section 19 of the Petroleum (Consolidation) Act 1928(a), is pleased, by and with the advice of Her Privy Council, to order, and it is hereby ordered, as follows:—

1. Sections 6, 13(2) and (3), 14, 15, 16 and 18 of the Petroleum (Consolidation) Act 1928 shall apply to—

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

(b) any solution or mixture (not being a mixture of petroleum as defined in the Schedule to the Petroleum (Mixtures) Order 1929(b)) which contains any of the said substances and which gives off an inflammable vapour at a temperature below seventy-three degrees Fahrenheit; and

(c) any substance specified in Part II of the Schedule to this Order which gives off an inflammable vapour at a temperature below seventy-three degrees Fahrenheit.

2. In the Petroleum (Inflammable Liquids and Other Dangerous Substances) Order 1947(c)—

(a) in Article 1, the words "Parts I and II of" and the words from "and to any mixture" to the end shall be omitted; and

(b) in the Schedule, Part I shall be omitted.

3.—(1) Nothing in this Order shall render invalid any order, notice, direction or warrant made, given or issued, or other thing done, under any provision of the Petroleum (Consolidation) Act 1928 as applied by the Petroleum (Inflammable Liquids and Other Dangerous Substances) Order 1947, and any such order, notice, direction, warrant or thing which could have been made, given, issued or done under any such provision as applied by this Order and in force or having effect at the date when this Order comes into operation shall be deemed to have been made, given, issued or done under that provision as applied by this Order.

(2) The Interpretation Act 1889(d) shall apply to the interpretation of this Order as it applies to the interpretation of an Act of Parliament.

4. This Order may be cited as the Petroleum (Inflammable Liquids) Order 1968 and shall come into operation on 1st August 1968, except that for the purpose of making any regulations under section 6 of the Petroleum (Consolidation) Act 1928 as applied by this Order to come into operation on or after the said date this Order shall come into operation forthwith.

W. G. Agnew.

(a) 1928 c. 32.

(b) S.R. &amp; O. 1929/993 (Rev. XVIII, p. 7: 1929, p. 1143).

(c) S.R. &amp; O. 1947/1443 (Rev. XVIII, p. 5: 1947 I, p. 1677).

(d) 1889 c. 63.

## SCHEDULE

## PART I

<i>Name of substance</i>	<i>Alternative name or names</i>
Acetaldehyde	Ethanal
Acetaldehyde oxime	Acetaldoxime
Acetone	{ Dimethyl ketone Propanone
Acrylaldehyde	{ Acraldehyde Acrolein Allyl aldehyde Propenal
Acrylonitrile	{ Propenenitrile Vinyl cyanide
Allyl acetate	
Allyl alcohol	{ Prop-2-en-1-ol 2-Propen-1-ol
Allylamine	2-Propenylamine
Allyl bromide	3-Bromopropene
Allyl chloride	3-Chloropropene
Allyl ethyl ether	3-Ethoxypropene
Allyl formate	2-Propenyl methanoate
Benzenethiol	Thiophenol
Benzotrifluoride	Trifluoromethylbenzene
Bicycloheptadiene	
Boron trifluoride diethyl etherate	
2-Bromobutane	<i>sec</i> Butyl bromide
1-Bromo-2, 3-epoxypropane	Epibromohydrin
2-Bromoethyl ethyl ether	
1-Bromo-3-methylbutane	<i>iso</i> Amyl bromide
1-Bromo-2-methylpropane	<i>iso</i> Butyl bromide
2-Bromo-2-methylpropane	<i>tert</i> Butyl bromide
2-Bromopentane	<i>sec</i> Amyl bromide
1-Bromopropane	Propyl bromide
2-Bromopropane	<i>iso</i> Propyl bromide
3-Bromopropyne	Propargyl bromide
Butanedione	Diacetyl
Butane-1-thiol	{ n-Butane thiol Butyl mercaptan
Butan-2-ol	{ <i>sec</i> Butanol <i>sec</i> Butyl alcohol
Butanone	Ethyl methyl ketone
But-3-en-2-one	{ 3-Butene-2-one Methyl vinyl ketone
Butyl acetate	2-Butanol acetate
<i>iso</i> Butyl acetate	
<i>sec</i> Butyl acetate	
Butylamine	1-Aminobutane
<i>iso</i> Butylamine	1-Amino-2-methylpropane
<i>sec</i> Butylamine	2-Aminobutane

SCHEDULE—*continued*PART I—*continued*

<i>Name of substance</i>	<i>Alternative name or names</i>
<i>tert</i> Butylamine	{ 2-Amino-2-methylpropane 2-Amino <i>isobutane</i>
Butyl ethyl ether	1-Ethoxybutane
Butyl formate	Butyl methanoate
<i>iso</i> Butyl formate	
Butyl methyl ether	1-Methoxybutane
Butyl nitrite	
<i>iso</i> Butyl propionate	
Butyl vinyl ether	
<i>iso</i> Butyl vinyl ether	
But-2-yne	{ 2-Butine Crotonylene Dimethyl acetylene
Butyraldehyde	Butanal
<i>iso</i> Butyraldehyde	2-Methyl propanal
Butyronitrile	Propyl cyanide
Butyryl chloride	Butanoyl chloride
<i>iso</i> Butyryl chloride	<i>iso</i> Butanoyl chloride
1-Chlorobutane	Butyl chloride
2-Chlorobutane	<i>sec</i> Butyl chloride
1-Chloro-3-methylbutane	<i>iso</i> Amyl chloride
2-Chloro-2-methylbutane	<i>tert</i> Amyl chloride
Chloromethyl ethyl ether	
Chloromethyl methyl ether	{ Chlorodimethyl ether Chloromethoxy methane
1-Chloro-2-methylpropane	<i>iso</i> Butyl chloride
2-Chloro-2-methylpropane	<i>tert</i> Butyl chloride
3-Chloro-2-methylprop-1-ene	
1-Chloropentane	Amyl chloride
1-Chloropropane	Propyl chloride
2-Chloropropane	<i>iso</i> Propyl chloride
Crotonaldehyde	{ 2-Butenal $\beta$ -Methyl acrolein Propyl aldehyde Propylene aldehyde
Cycloheptatriene	
Cyclohexene	Tetrahydrobenzene
Cyclohexylamine	Aminocyclohexane
Cyclo-octatetraene	
Diacetone alcohol	{ Diacetone, technical 4-Hydroxy-2-keto-4-methylpentane 4-Hydroxy-4-methylpentan-2-one
Diallylamine	Di-2-propenylamine
Diallyl ether	

SCHEDULE—*continued*PART I—*continued*

<i>Name of substance</i>	<i>Alternative name or names</i>
Diisobutene	Diisobutylene
Diisobutylamine	
1,1-Dichloroethane	Ethylidene chloride
1,2-Dichloroethane	Ethylene dichloride
1,1-Dichloroethylene	Vinylidene chloride
1,2-Dichloroethylene	Acetylene dichloride
1,2-Dichloropropane	{ Propylene chloride Propylene dichloride
Di (dimethylamino) ethane	Tetramethyl ethylene diamine
1,1-Diethoxyethane	{ Acetal Diethyl acetal Ethylidene diethyl ether
Diethoxymethane	{ Diethyl formal Ethylal methylene diethyl ether Formaldehyde diethyl acetal
3,3-Diethoxypropene	Acrolein acetal
Diethylamine	
Diethyl ether	{ Diethyl oxide Ethoxyethane Ethyl ether
Diethyl sulphide	
2,3-Dihydropyran	
1,1-Dimethoxyethane	{ Dimethyl acetal Ethylidene dimethyl ether
Dimethoxymethane	{ Methylal Methylene dimethyl ether
2-Dimethylaminoacetonitrile	2-Dimethylaminoethyl cyanide
1,3-Dimethylbutylamine	2-Amino-4-methylpentane
Dimethyl carbonate	Methyl carbonate
Dimethyldichlorosilane	
Dimethyldiethoxysilane	
Dimethyl disulphide	
<i>NN'</i> -Dimethylhydrazine	1,1-Dimethylhydrazine
Dimethyl sulphide	{ Methanthiomethane Methyl sulphide
1,4-Dioxan	{ 1,4-Diethylene dioxide Dioxan Dioxyethylene ether
Dioxolane	
Dipropylamine	
Diisopropylamine	
Dipropyl ether	
Diisopropyl ether	{ 2- <i>iso</i> Propoxypropane <i>iso</i> Propyl ether
Divinyl ether	Vinyl ether

SCHEDULE—*continued*PART I—*continued*

<i>Name of substance</i>	<i>Alternative name or names</i>
Ethane thiol	Ethyl mercaptan
Ethanol	Ethyl alcohol
Ethyl acetate	
Ethyl acrylate	Ethyl propenoate
2-Ethylbutyraldehyde	Diethyl acetaldehyde
Ethyl <i>isobutyrate</i>	{ <i>iso</i> Butyric ether Ethyl 2-methylpropanoate
Ethyl chloroformate	
Ethyl crotonate	Ethyl chlorocarbonate
Ethyl dichlorosilane	
Ethyleneimine	{ Aziridene Dimethyleneimine
Ethyl formate	Ethyl methanoate
Ethyl nitrite	
1-Ethylpiperidine	N-Ethyl piperidine
Ethyl propronate	
Ethyltrichlorosilane	
Ethyl vinyl ether	
Fluorobenzene	
2-Fluorotoluene	<i>o</i> -Fluorotoluene
3-Fluorotoluene	<i>m</i> -Fluorotoluene
Furan	
Fusel oil	
2-Iodobutane	<i>sec</i> Butyl iodide
1-Iodo-2-methylpropane	<i>iso</i> Butyl iodide
2-Iodo-2-methylpropane	<i>tert</i> Butyl iodide
1-Iodopropane	Propyl iodide
2-Iodopropane	<i>iso</i> Propyl iodide
Iron carbonyl	Iron pentacarbonyl
Isoprene monomer	2-Methyl-1,3-butadiene
Methacraldehyde	{ $\alpha$ -Methacrolein 2-Methylpropenal
Methanol	
Methyl acetate	Methyl alcohol
Methyl acetone	
Methyl acrylate	
3-Methylbutane-1-thiol	{ Amyl mercaptan Pentanethiol
2-Methylbutan-2-ol	{ <i>tert</i> Amyl alcohol Ethyl dimethyl carbinol 2-Methyl-2-butanol

SCHEDULE—*continued*PART I—*continued*

<i>Name of substance</i>	<i>Alternative name or names</i>
3-Methylbutan-1-ol	<i>iso</i> Amyl alcohol
3-Methylbutan-2-one	{ 3-Methyl-2-butanone Methyl <i>isopropyl</i> ketone
Methyl butyrate	
Methyl chloroformate	Methyl chlorocarbonate
Methyldichlorosilane	
N-Methylformamide	Form-methylamide
Methyl formate	
Methyl hydrazine	
Methylhydrogendichlorosilane	
Methyl methacrylate, monomer	
2-Methylpentan-2-ol	
4-Methylpentan-2-one	{ <i>iso</i> Butyl methyl ketone Hexone 4-Methyl-2-pentanone
1-Methylpiperidine	N-Methylpiperidine
2-Methylpropan-2-ol	{ <i>tert</i> Butanol <i>tert</i> Butyl alcohol 2-Methyl-2-propanol Trimethyl carbinol
Methyl propionate	
Methyltrichlorosilane	
2-Methylvaleraldehyde	$\alpha$ -Methylvaleraldehyde
Methyl <i>isovalerate</i>	
Nickel carbonyl	Nickel tetracarbonyl
Paraldehyde	
Pentan-1-ol	{ <i>n</i> -Amyl alcohol Butyl carbinol 1-Pentanol
Pentan-2-ol	{ <i>sec</i> Amyl alcohol Methyl propyl carbinol 2-Pentanol
Pentan-2-one	{ Ethyl acetone Methyl propyl ketone 2-Pentanone
Pentan-3-one	{ Diethyl ketone Ethyl propionyl Metacetone Propione
<i>iso</i> Pentyl acetate	<i>iso</i> Amyl acetate

SCHEDULE—*continued*PART I—*continued*

<i>Name of substance</i>	<i>Alternative name or names</i>
Pentylamine	{ 1-Aminopentane n-Amylamine
<i>iso</i> Pentylamine	<i>iso</i> Amylamine
Pentyl nitrite	n-Amyl nitrite
<i>iso</i> Pentyl nitrite	<i>iso</i> Amyl nitrite
1-Phenylpropane-1,2-Dione	
Piperidine	
Propane-1-thiol	Propyl mercaptan
Propane-2-thiol	<i>iso</i> Propyl mercaptan
Propan-1-ol	{ 1-Propanol Propyl alcohol
Propan-2-ol	{ Dimethyl carbinol 2-Propanol <i>iso</i> Propyl alcohol <i>sec</i> Propyl alcohol
<i>iso</i> Propenyl acetate	
Propionaldehyde	
Propionitrile	Ethyl cyanide
Propyl acetate	
<i>iso</i> Propyl acetate	
Propylamine	
<i>iso</i> Propylamine	
<i>iso</i> Propyl butyrate	
<i>iso</i> Propyl <i>iso</i> Butyrate	
<i>iso</i> Propyl chloroformate	
Propyleneimine	
Propylene oxide	{ 1,2-Epoxy propane Methyloxiran Propene oxide
Propyl formate	
<i>iso</i> Propyl formate	
Propyl nitrate	
<i>iso</i> Propyl nitrate	
<i>iso</i> Propyl propionate	
Pyridine	
Pyrrolidine	
Tetrahydrofuran	
1,2,3,6-Tetrahydropyridine	
Tetrahydrothiophen	Tetramethylene sulphide
Tetrapropyl orthotitanate	
Thioacetic acid	
Thiophen	
Triethylamine	
Triethyl borate	{ Ethylborate Triethoxyboron

SCHEDULE—*continued*PART I—*continued*

<i>Name of substance</i>	<i>Alternative name or names</i>
Trimethoxyborine	Trimethoxyboroxine
Trimethyl borate	
Trimethylchlorosilane	
<i>iso</i> Valeraldehyde	{ <i>iso</i> Amyl aldehyde 3-Methyl butanal $\beta$ -Methyl valeraldehyde
Vinyl acetate	
Vinyltrichlorosilane	

## PART II

Dimethylamine solution in alcohol or water.  
 Ethylamine solution in alcohol or water.  
 Glyceryl trinitrate (otherwise known as nitroglycerine) solution in alcohol, not exceeding 5 per cent. of glyceryl trinitrate.  
 Methylamine solution in alcohol or water.  
 Trimethylamine solution in alcohol or water.

## EXPLANATORY NOTE

*(This Note is not part of the Order.)*

This Order applies certain provisions of the Petroleum (Consolidation) Act 1928 to the inflammable substances specified in Part I of the Schedule ; and also to a solution or mixture containing any of those substances or a substance specified in Part II of the Schedule, if it gives off an inflammable vapour at a temperature below 73°F. Under the provisions as applied the Secretary of State is empowered to make regulations as to the conveyance of the inflammable liquids by road and for protecting persons and property from danger in connection with such conveyance. In addition, the provisions as applied require notice of certain accidents in connection with the inflammable liquids to be given to the Secretary of State, 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 inflammable liquids.

The same provisions of the Act of 1928 already apply to certain of the inflammable liquids specified in the Schedule to this Order, as well as to certain other dangerous substances, by virtue of the Petroleum (Inflammable Liquids and Other Dangerous Substances) Order 1947 which is therefore amended by this Order so as to exclude references to those inflammable liquids.