STATUTORY INSTRUMENTS

1973 No. 1897

PETROLEUM

The Petroleum (Organic Peroxides) Order 1973

Made - - - - 13*th November* 1973

Coming into Operation 1*st January* 1974

At the Court at Buckingham Palace, the 13th day of November 1973

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.—(1) This Order may be cited as the Petroleum (Organic Peroxides) Order 1973 and shall come into operation on 1st January 1974, 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 that day, this Order shall come into operation forthwith.

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

(3) In this Order, "mixture" includes mixtures of two or more solids, mixtures of two or more liquids, mixtures of solids with liquids and solids dissolved in liquids.

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

(*a*) any substance specified in the first column of Part I of the Schedule to this Order, (in respect of which alternative names are in some cases set out in the second column thereof); and

(*b*) subject to paragraph (2) of this Article, any mixture, containing in aggregate 5 per cent. or more by weight of substances so specified.

(2) Sub-paragraph (*b*) of paragraph (1) above shall not apply to any mixture specified in Part II of the Schedule to this Order.

(3) 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 modification, that is to say:—

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.

W. G. Agnew.

(a) 1928 c. 32. **(b)** 1889 c. 63.

Article 2 SCHEDULE

PART I

ORGANIC PEROXIDES TO WHICH SECTIONS 6, 13(2) AND (3), 14, 15, 16 AND 18 APPLY

Name of substance	*Alternative name or names*
Acetyl acetone peroxide	3, 5-Dimethyl-3, 5-dihydroxydioxolane-1, 2
Acetyl benzoyl peroxide	
Acetyl cyclohexane sulphonyl peroxide	
Acetyl peroxide	Diacetyl peroxide
Benzoyl peroxide	Dibenzoyl peroxide
n-Butyl-4,4-*bis*(*tert* butylperoxy) valerate	3, 3-Di(*tert* butylperoxy) butane carboxylic acid *n*-butyl ester
*tert*Butyl cumyl peroxide	*tert*Butyl cumene peroxide *tert*Butyl dimethyl benzyl peroxide *tert*Butyl peroxy*iso*propyl benzene
bis(4-*tert*Butyl cyclohexyl) perdicarbonate	*bis*(4-*tert*Butyl cyclohexyl) percarbonate
*tert*Butyl diperphthalate	Di*tert*butyl diperphthalate
*tert*Butyl hydroperoxide	2-Hydroperoxy *iso*butane
*tert*Butyl monoperphthalate	
*tert*Butyl peracetate	
*tert*Butyl perbenzoate	
*tert*Butyl per*iso*butyrate	
n-Butyl perdicarbonate	*n*-Butyl percarbonate
*tert*Butyl perdiethylacetate	*tert*Butyl peroxydiethylacetate
*tert*Butyl permaleate	*tert*Butyl monopermaleate *tert*Butylperoxy maleic acid Mono*tert*butyl permaleate
*tert*Butyl peroxide	Di*tert*butyl peroxide
2,2-*bis*(*tert*Butylperoxy)butane	2,2-Di(*tert*butylperoxy) butane
*tert*Butyl peroxy-2-ethyl hexanoate	*tert*Butyl peroctoate *tert*Butyl peroxy-2-ethyl hexoate
1-3*bis*(*tert*Butyl peroxy*iso*propyl) benzene	
1,4-*bis*(*tert*Butyl peroxy*iso*propyl) benzene	
1,1-*bis*(*tert*Butylperoxy)3,3,5-trimethyl-cyclohexane	1,1-Di(*tert*butylperoxy)3,3,5-trimethyl-cyclohexane
*tert*Butylperoxy-3,5,5-trimethyl hexanoate	*tert*Butyl per*iso*nonanoate *tert*Butylperoxy-3, 5, 5-trimethyl hexoate
*tert*Butyl perpivalate	
*tert*Butyl *iso*propyl percarbonate	
*para*Chlorobenzoyl peroxide	Di(4-chlorobenzoyl) peroxide p,p-Dichlorobenzoyl peroxide
Cumene hydroperoxide	Cumyl hydroperoxide a,a-Dimethylbenzyl hydroperoxide 2-Phenyl*iso*propyl hydroperoxide

SCHEDULE—*continued*

PART I—*continued*

Name of substance	*Alternative name or names*
Cyclohexanone peroxide	Dicyclohexanone peroxide
Decanoyl peroxide	Di-*n*-decanoyl peroxide
Diacetone alcohol peroxide	Acetone alcohol peroxide
Di*tert* amyl peroxide	
Dibenzyl perdicarbonate	Dibenzyl peroxydicarbonate
Di-*sec*butyl perdicarbonate	Di-*sec*butyl peroxydicarbonate
2,2-*bis*(4,4-Di*tert*butylperoxy cyclohexyl) propane	
Dicetyl perdicarbonate	Dicetyl peroxydicarbonate
2,4-Dichlorobenzoyl peroxide	*bis*-2,4-Dichlorobenzoyl peroxide
Dicumyl peroxide	Di-a,a-dimethyl benzyl peroxide
Dicyclohexyl perdicarbonate	*bis*-Dicyclohexyl peroxydicarbonate
2,5-Dimethyl-2,5-*bis*(*tert*butylperoxy) hexyne-3	
2,5-Dimethyl-2,5-dihydroperoxy hexane	2, 5-Dimethylhexane-2, 5-dihydroperoxide
2,5-Dimethylhexane-2,5-diperbenzoate	2,5-Di (benzoylperoxy)2,5-dimethyl hexane 2,5-Dimethyl-2,5,-*bis*(benzoylperoxy) hexane
Di*iso*propyl benzene hydroperoxide	*iso*Propylcumyl hydroperoxide
Di-*n*-propyl perdicarbonate	Di-*n*-propyl peroxydicarbonate
2-Ethyl hexyl perdicarbonate	Di-2-ethyl hexyl perdicarbonate
3,3,6,6,9,9-Hexamethyl-1,2,4,5-tetroxonane	
bis(1-Hydroxy cyclohexyl) peroxide	1,1-Dihydroxy dicyclohexyl peroxide
Lauroyl peroxide	Dilauroyl peroxide *bis*Dodecanoyl peroxide
*para*Menthane hydroperoxide	*para*Menthanyl hydroperoxide
Methyl *iso*butyl ketone peroxide	*iso*Butyl methyl ketone peroxide 4-Methylpentane-2-one peroxide
Methyl ethyl ketone peroxide	Butanone peroxide Ethyl methyl ketone peroxide
Nonanoyl peroxide	*iso*Nonanoyl peroxide *bis*(3,5,5-Trimethyl hexanoyl) peroxide
Octanoyl peroxide	Capryloyl peroxide Caprylyl peroxide Octoyl peroxide
Pelargonyl peroxide	*n*-Nonanoyl peroxide
Peracetic acid	Acetyl hydroperoxide
Propionyl peroxide	Dipropionyl peroxide
*iso*Propyl perdicarbonate	Di*iso*propyl peroxydicarbonate
Succinic acid peroxide	Disuccinic acid peroxide Peroxy disuccinic acid Succinoyl peroxide
2,6,6-Trimethyl norpinanyl hydroperoxide	Pinane hydroperoxide

PART II

ORGANIC PEROXIDE MIXTURES EXCLUDED FROM ARTICLE 2(1)(*b*)

Benzoyl peroxide in a mixture containing not more than 35 per cent. by weight of that substance, the remainder being inert solids.

1,3-*bis*(*tert*Butyl peroxy*iso*propyl) benzene and 1,4-*bis*(*tert*butyl peroxy*iso*propyl) benzene in a mixture containing in total not more than 40 per cent. by weight of those substances, the remainder being inert solids.

Cumene hydroperoxide in a solution consisting of inert solvent and not more than 82 per cent. by weight of that substance.

Cyclohexanone peroxide in a mixture containing not more than 30 per cent. by weight of that substance, the remainder being inert solids.

Dicumyl peroxide in a mixture containing not more than 40 per cent. by weight of that substance, the remainder being inert solids.

Pelargonyl peroxide in a solution consisting of inert solvent and not more than 75 per cent. by weight of that substance.

EXPLANATORY NOTE

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

This Order applies certain provisions of the Petroleum (Consolidation) Act 1928 to the organic peroxides specified in Part I of the Schedule, and also, with certain exceptions, to any solution or mixture containing 5% or more by weight of any of those substances.

Under the provisions as applied the Secretary of State is empowered to make Regulations as to the conveyance of the organic peroxides 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 organic peroxides 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 organic peroxides.

SI 1973/1897
ISBN 0-11-031897-8

