according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : AIRPRESS 32

Article-No. : 035001

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- : Lubricating oil

stance/Mixture

Recommended restrictions

on use

Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : Klüber Lubrication München

Geisenhausenerstr. 7 81379 München Deutschland

Tel: +49 (0) 89 7876 0 Fax: +49 (0) 89 7876 333 info@klueber.com

E-mail address of person : mcm@klueber.com

responsible for the SDS Material Compliance Management

National contact : Klüber Lubrication Benelux S.A./N.V.

Rue Cardinal Mercier 100

7711 Dottignies
Belgium
+32-56-483311
Fax: +32-56-483380
kluber@be.kluber.com

1.4 Emergency telephone number

Emergency telephone num- : +49 89 7876 700 (24 hrs)

ber

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

Version **Revision Date:** Date of last issue: 31.01.2019 Print Date: 13.07.2020 Date of first issue: 03.09.2015 13.07.2020 2.0

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling

EUH210 Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature Mineral oil.

ester oil

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration limits M-Factor Notes	Concentration (% w/w)	
Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified	64742-55-8 265-158-7 649-468-00-3 01-2119487077-29- XXXX	Asp. Tox.1; H304	Note L	>= 10 - < 20	
Substances with a workplace exposure limit :					
distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25- XXXX	Not classified	Note L	>= 70 - < 90	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled Obtain medical attention.

Remove person to fresh air. If signs/symptoms continue, get

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

Version Revision Date: Date of last issue: 31.01.2019 Print Date: 2.0 13.07.2020 Date of first issue: 03.09.2015 13.07.2020

medical attention.

Keep patient warm and at rest.

If breathing is irregular or stopped, administer artificial respira-

tion.

In case of skin contact : Remove contaminated clothing. If irritation develops, get med-

ical attention.

In case of contact, immediately flush skin with plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,

for at least 10 minutes.

If eye irritation persists, consult a specialist.

If swallowed : Move the victim to fresh air.

Do NOT induce vomiting. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Risks : None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or car-

bon dioxide.

Unsuitable extinguishing

media

High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Fire may cause evolution of:

Carbon oxides

5.3 Advice for firefighters

Special protective equipment :

for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposi-

tion products may be a hazard to health.

Further information : Standard procedure for chemical fires.



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas.

Use personal protective equipment.

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water

courses.

Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages

cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible ab-

sorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Wash hands and face before breaks and immediately after

handling the product.

Do not get in eyes or mouth or on skin.

Do not get on skin or clothing.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after

handling.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in original container. Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers.

7.3 Specific end use(s)

Specific use(s) : Specific instructions for handling, not required.

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
distillates (petrole- um), hydrotreated heavy paraffinic	64742-54-7	TLV-8hr (Mist)	5 mg/m3	NL WG (2011-06-15)
Distillates (petrole- um), hydrotreated light paraffinic; Baseoil — un- specified	64742-55-8	TLV-8hr (Mist)	5 mg/m3	NL WG (2011-06-15)

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
distillates (petroleum), hydrotreated heavy paraffinic	Workers	Inhalation	Long-term local effects	5,6 mg/m3
Reaction mass of p-t- butylphenyldiphenyl phosphate and bis(p- t-butylphenyl) phenyl phosphate	Workers	Inhalation	Long-term systemic effects	2,03 mg/m3
	Workers	Inhalation	Long-term local ef- fects	0,2 mg/m3
	Workers	Dermal	Long-term systemic effects	0,056 mg/kg bw/day
	Workers	Dermal	Long-term local ef- fects	0,001 mg/cm2

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
distillates (petroleum), hy-	Oral	9,33 mg/kg
drotreated heavy paraffinic		
Reaction mass of p-t-	Fresh water	0,000116 mg/l
butylphenyldiphenyl phosphate		
and bis(p-t-butylphenyl) phenyl		
phosphate		
	Marine water	0,000012 mg/l
	Microbiological Activity in Sewage Treat-	1 mg/l
	ment Systems	
	Fresh water sediment	0,51 mg/kg
	Marine sediment	0,051 mg/kg
	Soil	0,118 mg/kg



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

8.2 Exposure controls

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection

Material : Nitrile rubber
Break through time : > 10 min
Protective index : Class 1

Remarks : For prolonged or repeated contact use protective gloves. The

break through time depends amongst other things on the material, the thickness and the type of glove and therefore

has to be measured for each case.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374

derived from it.

Respiratory protection : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

Protective measures : The type of protective equipment must be selected according

to the concentration and amount of the dangerous substance

at the specific workplace.

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the spe-

cific work-place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : yellow

Odour : characteristic

Odour Threshold : No data available

pH : No data available

Melting point/range : No data available



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

Boiling point/boiling range : No data available

Flash point : $> 140 \, ^{\circ}\text{C}$

Method: ISO 2592, open cup

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapour pressure : < 0,001 hPa (20 °C)

Relative vapour density : No data available

Density : 0,87 g/cm3

(20 °C)

Bulk density : No data available

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 32 mm2/s (40 °C)

Explosive properties : Not explosive

Oxidizing properties : No data available

9.2 Other information

Sublimation point : No data available

Self-ignition : No data available

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazards to be specially mentioned.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : No conditions to be specially mentioned.

10.5 Incompatible materials

Materials to avoid : No materials to be especially mentioned.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Remarks: This information is not available.

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Remarks: This information is not available.

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 420

Acute inhalation toxicity : LC50 (Rat): > 5,53 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

distillates (petroleum), hydrotreated heavy paraffinic:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Method: OECD Test Guideline 401

GLP: yes

Acute inhalation toxicity : LC50 (Rat): > 5,53 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg

Method: OECD Test Guideline 402

Skin corrosion/irritation

Product:

Remarks : This information is not available.

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Assessment : No skin irritation Result : No skin irritation

distillates (petroleum), hydrotreated heavy paraffinic:

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

GLP : yes

Serious eye damage/eye irritation

Product:

Remarks : This information is not available.

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Assessment : No eye irritation Result : No eye irritation

distillates (petroleum), hydrotreated heavy paraffinic:

Species : Rabbit

Assessment : No eye irritation

Method : OECD Test Guideline 405

Result : No eye irritation



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

GLP : yes

Respiratory or skin sensitisation

Product:

Remarks : This information is not available.

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Assessment : Does not cause skin sensitisation.
Result : Does not cause skin sensitisation.

distillates (petroleum), hydrotreated heavy paraffinic:

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

GLP : yes

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Germ cell mutagenicity- As- : Tests on bacterial or mammalian cell cultures did not show

sessment mutagenic effects.

Carcinogenicity

Product:

Remarks : No data available

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Carcinogenicity - Assess- : Not classifiable as a human carcinogen.

ment

distillates (petroleum), hydrotreated heavy paraffinic:

Carcinogenicity - Assess- : Not classifiable as a human carcinogen.

ment



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal develop-

ment

Remarks: No data available

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Reproductive toxicity - As- : No toxicity to reproduction

sessment No toxicity to reproduction

distillates (petroleum), hydrotreated heavy paraffinic:

Reproductive toxicity - As-

sessment

: No toxicity to reproduction

STOT - single exposure

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, single exposure.

STOT - repeated exposure

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, repeated exposure.

Repeated dose toxicity

Product:

Remarks : This information is not available.

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Repeated dose toxicity - : Repeated or prolonged exposure may cause skin irritation and

Assessment dermatitis, due to degreasing properties of the product.

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

Aspiration toxicity

Product:

This information is not available.

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

May be fatal if swallowed and enters airways.

distillates (petroleum), hydrotreated heavy paraffinic:

No aspiration toxicity classification

Further information

Product:

Remarks : Information given is based on data on the components and

the toxicology of similar products.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other :

aquatic invertebrates

Remarks: No data available

Toxicity to algae/aquatic

plants

Remarks: No data available

Toxicity to microorganisms

Remarks: No data available

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): > 10.000 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae/aquatic

plants

EC50 (Pseudokirchneriella subcapitata (green algae)): > 100

mg/l

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

Version Revision Date: Date of last issue: 31.01.2019 Print Date: 2.0 13.07.2020 Date of first issue: 03.09.2015 13.07.2020

Exposure time: 72 h

Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chron-

NOEC: 10 mg/l Exposure time: 21 d

ic toxicity)

Species: Daphnia magna (Water flea) Test Type: Reproduction Test Method: OECD Test Guideline 211

distillates (petroleum), hydrotreated heavy paraffinic:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l

Exposure time: 96 h Test Type: static test

Method: OECD Test Guideline 203

GLP: yes

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): > 10.000 mg/l

Exposure time: 48 h
Test Type: Immobilization

Method: OECD Test Guideline 202

GLP: yes

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

NOEC: 10 mg/l

Exposure time: 21 d

Species: Daphnia magna (Water flea)

Test Type: semi-static test

Method: OECD Test Guideline 211

GLP: yes

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Physico-chemical removabil- :

itν

Remarks: No data available

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Biodegradability : Result: Partially biodegradable.

Biodegradation: 31,13 % Exposure time: 28 d

Method: OECD Test Guideline 301F

distillates (petroleum), hydrotreated heavy paraffinic:

Biodegradability : Test Type: aerobic

Inoculum: activated sludge Result: Not rapidly biodegradable

Biodegradation: 3 %

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

Revision Date: Date of last issue: 31.01.2019 Version Print Date: 13.07.2020 Date of first issue: 03.09.2015 13.07.2020 2.0

Exposure time: 28 d

Method: OECD Test Guideline 301B

GLP: yes

12.3 Bioaccumulative potential

Product:

Bioaccumulation Remarks: This mixture contains no substance considered to

be persistent, bioaccumulating and toxic (PBT).

This mixture contains no substance considered to be very

persistent and very bioaccumulating (vPvB).

Components:

distillates (petroleum), hydrotreated heavy paraffinic:

Partition coefficient: n-

octanol/water

: log Pow: > 2

12.4 Mobility in soil

Product:

Mobility Remarks: No data available

Distribution among environ-

mental compartments

Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment This substance/mixture contains no components considered

> to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

Components:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil — unspecified:

Non-classified PBT substance. Non-classified vPvB sub-Assessment

stance.

distillates (petroleum), hydrotreated heavy paraffinic:

Non-classified vPvB substance. Non-classified PBT sub-Assessment

stance.

12.6 Other adverse effects

Product:

mation

Additional ecological infor- : No information on ecology is available.



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Waste codes should be assigned by the user based on the

application for which the product was used.

The product should not be allowed to enter drains, water

courses or the soil.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as

the unused product.

Dispose of waste product or used containers according to

local regulations.

The following Waste Codes are only suggestions:

Waste Code : unused product

13 02 05*, mineral-based non-chlorinated engine, gear and

lubricating oils

13 02 08, other engine, gear and lubricating oils

uncleaned packagings

15 01 10, packaging containing residues of or contaminated

by hazardous substances

SECTION 14: Transport information

14.1 UN number

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.4 Packing group



according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

ADR : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks : Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH),

Article 57).

REACH - List of substances subject to authorisation

(Annex XIV)

Not applicable

Regulation (EC) No 1005/2009 on substances that de-

plete the ozone layer

Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import

of dangerous chemicals

Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

preparations and articles (Annex XVII)

Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

General Assessment Methodology (GAM)

Aquatic harmfulness : A3 Hazardous for aquatic organisms, may have long-term

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

Version Revision Date: Date of last issue: 31.01.2019 Print Date: 2.0 13.07.2020 Date of first issue: 03.09.2015 13.07.2020

hazardous effects in aquatic environment.

Abatement effort : A Not readily biodegradable aquatic harmful substances.

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial

emissions (integrated pollution prevention and control)

Not applicable

15.2 Chemical safety assessment

This information is not available.

SECTION 16: Other information

Full text of H-Statements

H304 : May be fatal if swallowed and enters airways.

Full text of other abbreviations

Note L : The classification as a carcinogen need not apply if it can be

shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

NL WG : Netherlands. Law on Labour conditions - Occupational Expo-

sure Limits

NL WG / TLV-8hr : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road: AICS - Australian Inventory of Chemical Substances: ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No

according to Regulation (EC) No. 1907/2006 - NL



AIRPRESS 32

VersionRevision Date:Date of last issue: 31.01.2019Print Date:2.013.07.2020Date of first issue: 03.09.201513.07.2020

Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

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