according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

 Version
 Revision Date:
 Date of last issue: 18.06.2021
 Print Date:

 2.0
 14.12.2021
 Date of first issue: 29.07.2015
 14.12.2021

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

1.1 Product identifier

Product name : STRUCTOVIS EHD

Article-No. : 016005

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 Deutschland

Geisenhausenerstraße 7

81379 München Deutschland Tel.: +49 89 7876 0 Fax: +49 89 7876 565

customer.service.de@klueber.com

www.klueber.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 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Mineral oil.

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	specific concentration limit M-Factor Notes Acute toxicity estimate	Concentration (% w/w)
Substances with a work		T	T	
residual oils (petrole-	64742-57-0	Not classified		>= 50 - < 70
um), hydrotreated	265-160-8		Note L	
	649-470-00-4 01-2119489287-22- XXXX		Note E	
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25- XXXX	Not classified	Note L	>= 30 - < 50
Distillates (petroleum), hydrotreated light naphthenic; Baseoil — unspecified	64742-53-6 265-156-6 649-466-00-2	Not classified	Note L	>= 1 - < 10



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

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

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

Hazardous combustion prod- : Carbon oxides

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

ucts Nitrogen oxides (NOx)

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.

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.

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

handling.

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

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.

Storage class (TRGS 510) : 10, Combustible liquids

7.3 Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
residual oils (petro-	64742-57-0	AGW (Vapour	5 mg/m3	DE TRGS
leum), hydrotreat-		and aerosols)		900
ed				(2018-06-07)
	Peak-limit: ex	cursion factor (categ	ory): 4;(II)	
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
Distillates (petrole- um), hydrotreated heavy paraffinic; Baseoil — un- specified	64742-54-7	AGW (Vapour and aerosols)	5 mg/m3	DE TRGS 900 (2018-06-07)
	Peak-limit: excursion factor (category): 4;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
Distillates (petrole- um), hydrotreated light naphthenic; Baseoil — un- specified	64742-53-6	AGW (Vapour and aerosols)	5 mg/m3	DE TRGS 900 (2018-06-07)
•	Peak-limit: excursion factor (category): 4;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			

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

Substance name	End Use	Exposure routes	Potential health effects	Value
residual oils (petrole- um), hydrotreated	Workers	Inhalation	Long-term systemic effects	2,7 mg/m3
	Workers	Inhalation	Acute systemic effects	5,6 mg/m3



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

VersionRevision Date:Date of last issue: 18.06.2021Print Date:2.014.12.2021Date of first issue: 29.07.201514.12.2021

	Workers	Skin contact	Long-term systemic effects	1 mg/kg
Distillates (petrole- um), hydrotreated heavy paraffinic; Baseoil — unspecified	Workers	Inhalation	Long-term local ef- fects	5,6 mg/m3

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

Substance name	Environmental Compartment	Value
Distillates (petroleum), hydrotreated heavy paraffinic;	Oral	9,33 mg/kg
Baseoil — unspecified		

8.2 Exposure controls

Engineering measures

none

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

Physical state : liquid

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

 Version
 Revision Date:
 Date of last issue: 18.06.2021
 Print Date:

 2.0
 14.12.2021
 Date of first issue: 29.07.2015
 14.12.2021

Colour : brown

Odour : characteristic

Odour Threshold : No data available

Melting point/range : No data available

Boiling point/boiling range : 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

Flash point : $>= 200 \, ^{\circ}\text{C}$

Method: ISO 2592, open cup

Auto-ignition temperature : No data available

Decomposition temperature

Decomposition tempera-

ture

No data available

pH : Not applicable

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 460 mm2/s (40 °C)

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Vapour pressure : < 0,001 hPa (20 °C)

Relative density : 0,89 (20 °C)

Reference substance: Water The value is calculated

Density : 0,89 g/cm3

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

 Version
 Revision Date:
 Date of last issue: 18.06.2021
 Print Date: 14.12.2021

 2.0
 14.12.2021
 Date of first issue: 29.07.2015
 14.12.2021

(20 °C)

Bulk density : No data available

Relative vapour density : No data available

9.2 Other information

Explosives : Not explosive

Oxidizing properties : No data available

Self-ignition : No data available

Evaporation rate : No data available

Sublimation point : No data available

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

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



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

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

Components:

residual oils (petroleum), hydrotreated:

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

Method: OECD Test Guideline 401

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

Method: OECD Test Guideline 402

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

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

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

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

Method: OECD Test Guideline 401

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

Skin corrosion/irritation

Product:

Remarks : This information is not available.

Components:

residual oils (petroleum), hydrotreated:

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

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

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

Result : No skin irritation

GLP : yes

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

Species : Rabbit

Assessment : No skin irritation Result : No skin irritation

Serious eye damage/eye irritation

Product:

Remarks : This information is not available.

Components:

residual oils (petroleum), hydrotreated:

Species : Rabbit

Assessment : No eye irritation

Method : OECD Test Guideline 405

Result : No eye irritation

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

Species : Rabbit

Assessment : No eye irritation

Method : OECD Test Guideline 405

Result : No eye irritation

GLP : ves

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

Species : Rabbit

Assessment : No eye irritation

Method : OECD Test Guideline 405

Result : No eye irritation

Respiratory or skin sensitisation

Product:

Remarks : This information is not available.

Components:

residual oils (petroleum), hydrotreated:

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

Assessment : Does not cause respiratory sensitisation.

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

Result : Does not cause respiratory sensitisation.

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

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

GLP : yes

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

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Carcinogenicity

Product:

Remarks : No data available

Components:

residual oils (petroleum), hydrotreated:

Carcinogenicity - Assess-

: Not classifiable as a human carcinogen.

ment

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

Carcinogenicity - Assess-

ment

: Not classifiable as a human carcinogen.

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal develop-

ment

: Remarks: No data available



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

Components:

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

Reproductive toxicity - As- : - Fertility -

sessment No toxicity to reproduction

Repeated dose toxicity

Product:

Remarks : This information is not available.

Aspiration toxicity

Product:

This information is not available.

Components:

residual oils (petroleum), hydrotreated:

No aspiration toxicity classification

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

No aspiration toxicity classification

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

No aspiration toxicity classification

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

Further information

Product:

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

the toxicology of similar products.

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

 Version
 Revision Date:
 Date of last issue: 18.06.2021
 Print Date: 14.12.2021

 2.0
 14.12.2021
 Date of first issue: 29.07.2015
 14.12.2021

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:

residual oils (petroleum), hydrotreated:

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

Exposure time: 96 h Test Type: static test

Toxicity to daphnia and other :

aquatic invertebrates

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

Exposure time: 48 h Test Type: Immobilization

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

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 (Chronic 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

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

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10.000 mg/l

aquatic invertebrates Exposure time: 48 h

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

Test Type: Immobilization

Method: OECD Test Guideline 202

12.2 Persistence and degradability

Product:

: Remarks: No data available Biodegradability

Physico-chemical removabil- : Remarks: No data available

Components:

residual oils (petroleum), hydrotreated:

Biodegradability : Result: Not rapidly biodegradable

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

Biodegradability Test Type: aerobic

> Inoculum: activated sludge Result: Not rapidly biodegradable

Biodegradation: 3 % Exposure time: 28 d

Method: OECD Test Guideline 301B

GLP: yes

12.3 Bioaccumulative potential

Product:

Remarks: This mixture contains no substance considered to Bioaccumulation

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; Baseoil — unspecified:

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



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

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 heavy paraffinic; Baseoil — unspecified:

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

stance.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components consid-

ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological infor-

mation

: No information on ecology is available.

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

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

Version Revision Date: Date of last issue: 18.06.2021 Print Date: 2.0 14.12.2021 Date of first issue: 29.07.2015 14.12.2021

uncleaned packagings

15 01 10, packaging containing residues of or contaminated

by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

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

preparations and articles (Annex XVII)

Not applicable

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

Not applicable

according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

 Version
 Revision Date:
 Date of last issue: 18.06.2021
 Print Date:

 2.0
 14.12.2021
 Date of first issue: 29.07.2015
 14.12.2021

of dangerous chemicals

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

stances.

Water contaminating class

(Germany)

: WGK 1 slightly hazardous to water

Classification according to AwSV, Annex 1 (5.2)

Not applicable

TA Luft List (Germany) : Total dust:

others: 1,02 %

Inorganic substances in powdered form:

Not applicable

Inorganic substances in vapour or gaseous form:

Not applicable

Organic Substances: portion Class 1: < 0,01 %

others: 98,98 %

Carcinogenic substances:

Not applicable
Mutagenic:
Not applicable
Toxic to reproduction:

Not applicable

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

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



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

 Version
 Revision Date:
 Date of last issue: 18.06.2021
 Print Date: 14.12.2021

 2.0
 14.12.2021
 Date of first issue: 29.07.2015
 14.12.2021

index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.

DE TRGS 900 / AGW : 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; AIIC - Australian Inventory of Industrial Chemicals; 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 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

This safety data sheet applies only to products as originally packed and labelled. The information contained therein may not be reproduced or modified without our express written permission. Any forwarding of this document is only permitted to the extent required by law. Any further, in particular public, dissemination of the safety data sheet (e.g. as a document for download from the Internet) is not permitted without our express written consent. We provide our customers with amended safety data sheets as prescribed by law. The customer is responsible for passing on safety data sheets and any amendments contained therein to its own customers, employees and other users of the product. We provide no guarantee that safety data sheets received by users from third parties are up-to-date. All information and instructions in this safety data sheet have been compiled to the best of our knowledge and are based on the information available to us on the day of publication. The information provided is intended to describe the product in relation to the required safety measures; it is neither an assurance of characteristics nor a guarantee of the product's suitability for particular applications and does not justify any contractual legal relation-



according to Regulation (EC) No. 1907/2006 - DE (Commission Regulation (EU) 2020/878)



STRUCTOVIS EHD

VersionRevision Date:Date of last issue: 18.06.2021Print Date:2.014.12.2021Date of first issue: 29.07.201514.12.2021

ship. The existence of a safety data sheet for a particular jurisdiction does not necessarily mean that import or use within that jurisdiction is legally permitted. If you have any questions, please contact your responsible sales contact or authorized trading partner.