According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

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

1.1 Product identifier

Product name : OKS 2200

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

Use of the : Anticorrosion additive

Substance/Mixture

Recommended restrictions

on use

: Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : OKS Spezialschmierstoffe GmbH

Ganghoferstr. 47

82216 Maisach-Gernlinden

Deutschland

Tel.: +49 8142 3051 500 Fax: +49 8142 3051 599 info@oks-germany.com

E-mail address of person

responsible for the SDS

National contact

: mcm@oks-germany.com

1.4 Emergency telephone number

Emergency telephone

number

+49 8142 3051 517 (24/7 service)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Hazard pictograms :

!>

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : Prevention:

P272 Contaminated work clothing should not be

allowed out of the workplace.

P280 Wear protective gloves.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and

water.

P333 + P313 If skin irritation or rash occurs: Get medical

advice/ attention.

P362 + P364 Take off contaminated clothing and wash it

before reuse.

Hazardous components which must be listed on the label:

Sulfonic acids, petroleum, calcium salts

1,2-benzisothiazol-3(2H)-one

2-methylisothiazol-3(2H)-one

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 : Aqueous emulsion

Components

Chemical name	CAS-No. EC-No.	Classification	specific concentration	Concentration (% w/w)
			limit	(11)
	Index-No.		M-Factor	
	Registration number		Notes	



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB $\,$



OKS 2200

VersionRevision Date:Date of last issue: 25.10.2022Print Date:2.315.07.2024Date of first issue: 11.09.201315.07.2024

			Acute toxicity estimate		
Sulfonic acids, petroleum, calcium salts	61789-86-4 263-093-9	Skin Sens.1B; H317	>= 10 % Skin Sens.1B,	>= 1 - < 10	
2-methylisothiazol- 3(2H)-one	2682-20-4 220-239-6 613-326-00-9	Acute Tox.3; H301 Acute Tox.2; H330 Acute Tox.3; H311 Skin Corr.1B; H314 Eye Dam.1; H318 Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0.0015 % Skin Sens.1A, H317 M-Factor: 10/1	>= 0.0025 - < 0.025	
1,2-benzisothiazol- 3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox.4; H302 Acute Tox.2; H330 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0.036 % Skin Sens.1A, H317 M-Factor: 1/1	>= 0.0025 - < 0.025	
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9 219-145-8	Acute Tox.3; H301 Skin Corr.1A; H314 STOT RE2; H373 Aquatic Acute1; H400 Aquatic Chronic1; H410	M-Factor: 10/1	>= 0.0025 - < 0.025	
Substances with a workplace exposure limit :					
Paraffin waxes and Hydrocarbon waxes	8002-74-2 232-315-6	Not classified		>= 1 - < 10	

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

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 unconscious, place in recovery position and seek medical

advice.

Keep respiratory tract clear.

If breathing is irregular or stopped, administer artificial

respiration.

In case of skin contact : Take off all contaminated clothing immediately.

Wash off immediately with soap and plenty of water.

Get medical attention immediately if irritation develops and

persists.

Wash clothing before reuse.

Thoroughly clean shoes before reuse.

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.

If unconscious, place in recovery position and seek medical

advice.

Keep respiratory tract clear. Do NOT induce vomiting. Rinse mouth with water.

Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No symptoms known or expected.

Risks : May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

carbon dioxide.

Unsuitable extinguishing

media

High volume water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion : Carbon oxides

products Nitrogen oxides (NOx)

Sulphur 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 decomposition 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.

Ensure adequate ventilation.

Do not breathe vapours or spray mist.

Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : Do not allow contact with soil, surface or ground water.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and material for containment and cleaning up

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

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

local / national regulations (see section 13).

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

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 : Do not breathe vapours or spray mist.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the

application 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.

Do not ingest. Do not repack.

Do not re-use empty containers.

These safety instructions also apply to empty packaging which

may still contain product residues. Keep container closed when not in use.

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.

Protect from frost.

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	Control parameters	Basis
		of exposure)		
Paraffin waxes and	8002-74-2	TWA (Fumes)	2 mg/m3	GB EH40



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Hydrocarbon waxes			(2011-12-01)
	STEL (Fumes)	6 mg/m3	GB EH40
			(2011-12-01)

Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health effects	Value
2,2',2"-nitrilotriethanol	Workers	Dermal	Long-term systemic effects	7.5 mg/kg
	Workers	Inhalation	Long-term local effects	1 mg/m3

Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
2,2',2"-nitrilotriethanol	Soil	0.151 mg/kg
	Microbiological Activity in Sewage	10 mg/l
	Treatment Systems	
	Fresh water	0.32 mg/l
	Marine water	0.032 mg/l
	Fresh water sediment	1.7 mg/kg
	Marine sediment	0.17 mg/kg

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye/face protection : Safety glasses with side-shields

Hand protection

Material : butyl-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.

Skin and body protection : Choose body protection in relation to its type, to the

concentration and amount of dangerous substances, and to

the specific work-place.

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

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

at the specific workplace.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Emulsion

Colour : beige

Odour : characteristic

Odour Threshold : No data available

pH : 8.8 (20 °C)

Concentration: 100 %

Melting point/range : No data available

Boiling point/boiling range : 100 °C (1,013 hPa)

Flash point : does not flash

Evaporation rate : No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower :

flammability limit

No data available

Vapour pressure : 9.4 hPa (20 °C)

Relative vapour density : No data available

Relative density : 0.98 (20 °C)

Reference substance: Water The value is calculated

Density : 0.98 g/cm3

(20 °C)

Bulk density : No data available

Solubility(ies)

Water solubility : soluble

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

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 : 30 mm2/s (40 °C)

Explosive properties : Not explosive

Oxidizing properties : No data available

9.2 Other information

Flammability (liquids) : Will not burn

Sublimation point : No data available

Metal corrosion rate : Not corrosive to metals

Self-ignition : not auto-flammable

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.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

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 : Symptoms: Redness, Local irritation

Components:

2-methylisothiazol-3(2H)-one:

Acute oral toxicity : LD50 (Rat): 120 mg/kg

Method: OPPTS 870.1100

GLP: yes

Acute inhalation toxicity : LC50 (Rat): 0.11 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

GLP: yes

Acute dermal toxicity : LD50 (Rat): 242 mg/kg

Method: OECD Test Guideline 402

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity : LD50 (Rat): 490 mg/kg

Assessment: The component/mixture is moderately toxic after

single ingestion.

Acute inhalation toxicity : Assessment: The component/mixture is highly toxic after short

term inhalation.

Acute dermal toxicity : LD50 (Rat): 4,115 mg/kg

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Acute oral toxicity : LD50 Oral (Rat): 261 mg/kg

Method: OECD Test Guideline 401

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Skin corrosion/irritation

Product:

Remarks : This information is not available.

Components:

2-methylisothiazol-3(2H)-one:

Species : Rabbit

Assessment : Causes burns.

Method : OECD Test Guideline 404

Result : Causes burns.

GLP : yes

1,2-benzisothiazol-3(2H)-one:

Assessment : Irritating to skin. Result : Irritating to skin.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Result : Causes severe burns.

Serious eye damage/eye irritation

Product:

Remarks : This information is not available.

Components:

2-methylisothiazol-3(2H)-one:

Assessment : Risk of serious damage to eyes. Result : Risk of serious damage to eyes.

1,2-benzisothiazol-3(2H)-one:

Assessment : Risk of serious damage to eyes. Result : Risk of serious damage to eyes.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Result : No eye irritation

Respiratory or skin sensitisation

Product:

Remarks : This information is not available.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Components:

Sulfonic acids, petroleum, calcium salts:

Assessment : The product is a skin sensitiser, sub-category 1B.

2-methylisothiazol-3(2H)-one:

Test Type : Buehler Test Species : Guinea pig

Assessment : The product is a skin sensitiser, sub-category 1A.

Method : OECD Test Guideline 406

Result : The product is a skin sensitiser, sub-category 1A.

GLP : yes

1,2-benzisothiazol-3(2H)-one:

Assessment : The product is a skin sensitiser, sub-category 1A. Result : The product is a skin sensitiser, sub-category 1A.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Components:

2-methylisothiazol-3(2H)-one:

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

Assessment mutagenic effects.

Carcinogenicity

Product:

Remarks : No data available

Components:

2-methylisothiazol-3(2H)-one:

Carcinogenicity - : No evidence of carcinogenicity in animal studies.

Assessment

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Effects on foetal : Remarks: No data available

development

Components:

2-methylisothiazol-3(2H)-one:

Reproductive toxicity - : - Fertility -

Assessment No toxicity to reproduction

- Teratogenicity -

No effects on or via lactation

STOT - single exposure

Product:

Remarks : No data available

Components:

2-methylisothiazol-3(2H)-one:

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

organ toxicant, single exposure.

STOT - repeated exposure

Product:

Remarks : No data available

Components:

2-methylisothiazol-3(2H)-one:

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

organ toxicant, repeated exposure.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Assessment : May cause damage to organs through prolonged or repeated

exposure.

Repeated dose toxicity

Product:

Remarks : This information is not available.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version **Revision Date:** Date of last issue: 25.10.2022 Print Date: 15.07.2024 Date of first issue: 11.09.2013 15.07.2024 2.3

Aspiration toxicity

Product:

This information is not available.

Components:

2-methylisothiazol-3(2H)-one:

No aspiration toxicity classification

Further information

Product:

Remarks Information given is based on data on the components and

the toxicology of similar products.

Components:

2-methylisothiazol-3(2H)-one:

Remarks Ingestion causes burns of the upper digestive and respiratory

tracts.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : Remarks: Harmful to aquatic organisms.

Toxicity to daphnia and other : Remarks: No data available

aquatic invertebrates

Toxicity to algae/aquatic

plants

: Remarks: No data available

Toxicity to microorganisms

Remarks: No data available

12.2 Persistence and degradability

Product:

Biodegradability Remarks: No data available

Physico-chemical

removability

: Remarks: No data available



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

Product:

Mobility : Remarks: No data available

Distribution among

environmental 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.

12.6 Other adverse effects

Product:

Endocrine disrupting

potential

: 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.

Additional ecological

information

: No information on ecology is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

courses or the soil.

Do not dispose of with domestic refuse.

Dispose of as hazardous waste in compliance with local and

national regulations.

Waste codes should be assigned by the user based on the

application for which the product was used.

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

the unused product.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Dispose of waste product or used containers according to

local regulations.

The following Waste Codes are only suggestions:

Waste Code : unused product

16 10 01, aqueous liquid wastes containing hazardous

substances

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

ADR : Not regulated as a dangerous good

RID : 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

RID : 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

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good
RID : 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

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version **Revision Date:** Date of last issue: 25.10.2022 Print Date: 15.07.2024 Date of first issue: 11.09.2013 15.07.2024 2.3

ADR Not regulated as a dangerous good **RID** Not regulated as a dangerous good **IMDG** 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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) Conditions of restriction for the

following entries should be

considered: Number on list 3

UK REACH Candidate list of substances of very high

concern (SVHC) for Authorisation

(UK SVHC)

This product does not contain substances of very high concern (UK: The REACH etc. (Amendment)

Regulations, Article 57).

The Persistent Organic Pollutants Regulations (retained

Regulation (EU) 2019/1021 as amended for Great

Britain) (GB POPs)

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer

(EC 1005/2009)

Not applicable

Not applicable

Regulation (EU) 2019/1148 on the marketing and use of : Not applicable

explosives precursors

UK REACH List of substances subject to authorisation

(Annex XIV)

(UK. REACH Annex XIV)

Not applicable

GB Export and import of hazardous chemicals - Prior Not applicable

> a brand of FREUDENBERG

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

Informed Consent (PIC) Regulation (GB PIC)

Control of Major Accident Hazards Regulations

Not applicable

2015 (COMAH)

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

emissions (integrated pollution prevention and control)

Not applicable

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment

This information is not available.

SECTION 16: Other information

Full text of H-Statements

H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.

H314 : Causes severe skin burns and eye damage.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.

H330 : Fatal if inhaled.

H373 : May cause damage to organs through prolonged or repeated

exposure.

H400 : Very toxic to aquatic life.

H410 : Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

GB EH40 : UK. EH40 WEL - Workplace Exposure Limits

GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

Version Revision Date: Date of last issue: 25.10.2022 Print Date: 2.3 15.07.2024 Date of first issue: 11.09.2013 15.07.2024

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; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG -United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Classification of the mixture:

Classification procedure:

Calculation method

Skin Sens. 1 H317

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 relationship. The existence of a safety data sheet for a particular jurisdiction does not necessarily



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 - GB



OKS 2200

 Version
 Revision Date:
 Date of last issue: 25.10.2022
 Print Date:

 2.3
 15.07.2024
 Date of first issue: 11.09.2013
 15.07.2024

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.