



Safety Data Sheet

Komponente A+

Revision date : 2024/06/27

Version: 6.0

Page: 1/10

1. Identification

Product identifier used on the label

Komponente A+

Recommended use of the chemical and restriction on use

Recommended use*: Raw material for the chemical-technical industry

Unsuitable for use: Not intended for sale to or use by the general public.

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

IMO GmbH

Gaesslesweg 6

75334

Straubenhardt

Germany

Tel.: +49 7082 49180

Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

Other means of identification

Chemical family: surfactant

2. Hazards Identification

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Classification of the product

Acute Tox.	4 (oral)
Aquatic Acute	3
Skin Irrit.	2

Acute toxicity
Hazardous to the aquatic environment - acute
Skin irritation

Safety Data Sheet

Komponente A+

Revision date : 2024/06/27
Version: 6.0

Page: 2/10

Label elements

Pictogram:



Signal Word:
Warning

Hazard Statement:

H315	Causes skin irritation.
H302	Harmful if swallowed.
H402	Harmful to aquatic life.

Precautionary Statements (Prevention):

P280	Wear protective gloves.
P273	Avoid release to the environment.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P330	Rinse mouth.
P332 + P313	If skin irritation occurs: Get medical attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

Labeling of special preparations (GHS):

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

3. Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Alkoxylated alkyl alcohol

Content (W/W): ≥ 75.0 - $\leq 100.0\%$

Synonym: No data available.

Neodecanoic acid, potassium salt

CAS Number: 26761-42-2 Content (W/W): ≥ 0.3 - $< 1.0\%$ Synonym: No data available.

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27

Page: 3/10

Version: 6.0

HMIRA Registry:

HMIRA Registry number: 12365 Date of Filing: 2019/01/31

CAS Number

Weight %

Chemical name

>= 75.0 - <= 100.0% Alkoxylated alkyl alcohol

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

If on skin:

Wash thoroughly with soap and water

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: skin irritation

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media: water spray, dry powder, foam

Special hazards arising from the substance or mixture

Hazards during fire-fighting: harmful vapours, carbon oxides

Generation of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27
Version: 6.0

Page: 4/10

Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Use personal protective clothing. Information regarding personal protective measures, see section 8.

For emergency responders: Take appropriate protective measures.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

No eating, drinking, smoking or tobacco use at the place of work. Wash hands before breaks and at end of work. Remove contaminated clothing and protective equipment before entering eating areas.

Protection against fire and explosion: No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Carbon steel (Iron)

Further information on storage conditions: Keep container tightly closed and in a cool place.

Storage stability:

Storage temperature: $\leq 49\text{ }^{\circ}\text{C}$

Protect from temperatures above: $49\text{ }^{\circ}\text{C}$

8. Exposure Controls/Personal Protection

No substance specific occupational exposure limits known.

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27
Version: 6.0

Page: 5/10

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Wearing of closed work clothing is required additionally to the stated personal protection equipment. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	ether-like	
Colour:	colourless to slightly yellow	
pH value:	6.0 - 7.0 (10 g/l)	(internal method)
Freezing point:	not determined	
pour point:	-4 °C	(other)
Boiling point:	not applicable	
Flash point:	197 °C	(ASTM D93)
	The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.	
Flammability:	not determined	
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	not determined	
Vapour pressure:	< 0.35 mmHg (20 °C)	
Density:	1.0125 g/cm3 (25 °C)	(other)
Relative density:	No data available.	
Vapour density:	> 1 (20 °C)	(estimated)
	Heavier than air.	
Partitioning coefficient n-octanol/water (log Pow):	Study technically not feasible.	
Self-ignition temperature:	not self-igniting	

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27

Page: 6/10

Version: 6.0

Thermal decomposition:	not determined
Viscosity, dynamic:	not determined
Particle size:	The substance / product is marketed or used in a non solid or granular form.
Solubility in water:	(25 °C) soluble
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

not fire-propagating Formation of flammable gases:

Remarks:

Forms no flammable gases in the presence of water.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

The product is chemically stable.

Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials

acids, Alkalines, caustics, halogens, reactive chemicals

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon oxides

Thermal decomposition:

not determined

11. Toxicological information

Primary routes of exposure

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27

Page: 7/10

Version: 6.0

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Harmful if swallowed.

Oral

Type of value: LD50 Species: rat (female)

Value: > 1,000 - 2,000 mg/kg (OECD Guideline 423)

Inhalation

Type of value: LC50

Species: rat

not determined

Dermal

Type of value: LD50 Species: rat

not determined

Assessment other acute effects No data available.

Skin

Species: rabbit

Result: moderately irritating Method: OECD Guideline 404

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Eye

Species: rabbit

Result: Slightly irritating. Method: OECD Guideline 405

Sensitization

Guinea pig maximization test Species: guinea pig

Method: OECD Guideline 406

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Not classified, due to lack of data.

Genetic toxicity

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27
Version: 6.0

Page: 8/10

Assessment of mutagenicity: Not classified, due to lack of data.

Carcinogenicity

Assessment of carcinogenicity: Not classified, due to lack of data.

Reproductive toxicity

Assessment of reproduction toxicity: Not classified, due to lack of data.

Teratogenicity

Assessment of teratogenicity: Not classified, due to lack of data.

12. Ecological Information

Toxicity

Toxicity to fish

LC50 (96 h) > 10 - 100 mg/l, Pimephales promelas (OECD Guideline 203, static)

Aquatic invertebrates No data available.

Aquatic plants

EC50 (72 h) > 100 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)

No observed effect concentration (72 h) 10 - 100 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)

Chronic toxicity to fish

EC10 (33 d) > 1 mg/l, Pimephales promelas (OECD Guideline 210)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Chronic toxicity to aquatic invertebrates

No observed effect concentration (21 d) > 1 mg/l, Daphnia magna (OECD Guideline 211, semistatic)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Assessment of terrestrial toxicity

No data available concerning terrestrial toxicity.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

bacteria/EC50 (0.5 h):
not determined

Persistence and degradability

Assessment biodegradation and elimination (H2O) No data available concerning biodegradation.

Elimination information

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27
Version: 6.0

Page: 9/10

80 - 90 % (28 d) (OECD 301B; ISO 9439; 92/69/EWG, C.4-C) (aerobic, municipal sewage treatment plant effluent) Readily biodegradable (according to OECD criteria).

75 % (60 d) (DIN EN ISO 11734) (anaerobic, municipal sewage treatment plant effluent) moderately degradable under anaerobic conditions

Bioaccumulative potential

Bioaccumulation potential

Accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

Additional information

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. Do not release untreated into natural waters.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Dispose of in accordance with national, state and local regulations.

14. Transport Information

Land transport

TDG

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

Safety Data Sheet

Komponente A+

Revision date: 2024/06/27
Version: 6.0

Page: 10/10

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released / listed

on confidential inventory

NFPA Hazard codes:

Health: 2 Fire: 1 Reactivity: 0 Special:
