Safety data sheet according to 1907/2006/EC, Article 31



Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

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

· 1.1 Product identifier

· Trade name: **ARAGLIDE**

SDB-Nr. 001-024-00120

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

No further relevant information available.

· Application of the substance / the

mixture

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: ARA Chemie GmbH Tel.: +49 (0) 2262-71717-0

Weiershagener Straße 18 e-mail: msds@ara-chemie.de

51674 Wiehl

Auxiliary

· Further information obtainable

from:

Laboratory

1.4 Emergency telephone

number:

+44 (171) 635 91 91

National Poison Inform. Centre

Medical Toxicology Unit

Avalonley Road London SE14 5ER

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

· 2.2 Label elements

Labelling according to Regulation

(EC) No 1272/2008 Hazard pictograms

· Hazard statements

The product is classified and labelled according to the CLP regulation.



GHS07

 Signal word Warning

· Hazard-determining components

of labelling:

Alcohols, C12-C14, ethoxylated, sulphates, sodium salts

H319 Causes serious eve irritation.

· Precautionary statements P101 If medical advice is needed, have product container or label

at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Wear protective gloves / eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue

rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/

regional/national/international regulations.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

(Contd. on page 2)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

· vPvB: Not applicable. (Contd. of page 1)

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture: consisting of the following components.

> water water

· Dangerous components:

anionic surfactants

· Additional information:

Eye Dam. 1, H318 Skin Irrit. 2, H315

<12.5%

Aquatic Chronic 3, H412 For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

No special measures required.

· After inhalation: Supply fresh air; consult doctor in case of complaints.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

Rinse opened eye for several minutes under running water. Then consult a · After eye contact:

doctor.

· After swallowing: Rinse out mouth and then drink plenty of water.

· 4.2 Most important symptoms and effects, both acute and

delayed

· 4.3 Indication of any immediate

medical attention and special

treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

 Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Gastric or intestinal disorders

CO2, powder or water spray. Fight larger fires with water spray or alcohol

resistant foam.

5.2 Special hazards arising from

the substance or mixture In case of fire, the following can be released:

> Carbon monoxide (CO) Nitrogen oxides (NOx)

5.3 Advice for firefighters

· Protective equipment: Wear self-contained respiratory protective device.

 Additional information Collect contaminated fire fighting water separately. It must not enter the sewage

system.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and

emergency procedures Particular danger of slipping on leaked/spilled product.

> Ensure adequate ventilation Wear protective clothing.

• 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

(Contd. on page 3)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

(Contd. of page 2)

Inform respective authorities in case of seepage into water course or sewage

system.

Do not allow to enter sewers/ surface or ground water.

• 6.3 Methods and material for

containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal

binders, sawdust).

 \cdot 6.4 Reference to other sections No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe

handling Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and

explosion protection: No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

Storage:

· Requirements to be met by

storerooms and receptacles: No special requirements.

· Information about storage in one

common storage facility: Store away from foodstuffs.

Further information about storage

conditions:

Protect from frost.

Keep container tightly sealed.

Store under lock and key and out of the reach of children.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about

design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· Ingredients with limit values that

require monitoring at the

workplace: The product doe

The product does not contain any relevant quantities of materials with critical

values that have to be monitored at the workplace.

DNELs

Alcohols, C12-C14, ethoxylated, sulphates, sodium salts

Oral	DNEL (Langzeit-wiederholt)	15 mg/kg bw/day (BEV)
Dermal	DNEL (Langzeit-wiederholt)	2,750 mg/kg bw/day (ARB)
		1,650 mg/kg bw/day (BEV)
Inhalative	DNEL (Langzeit-wiederholt)	175 mg/m³ Air (ARB)
		52 mg/m³ Air (BEV)

· PNECs

Alcohols, C12-C14, ethoxylated, sulphates, sodium salts

PNEC (wässrig) | 10,000 mg/l (KA) | 0.024 mg/l (MW) | 0.24 mg/l (SW) | 0.071 mg/l (WAS)

PNEC (fest) 0.946 mg/kg Trockengew (BO)

(Contd. on page 4)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

(Contd. of page 3)

0.545 mg/kg Trockengew (MWS) 5.45 mg/kg Trockengew (SWS)

Additional information:

The lists valid during the making were used as basis.

· 8.2 Exposure controls

Personal protective equipment:

- General protective and hygienic

measures:

Do not eat, drink, smoke or sniff while working. Use skin protection cream for skin protection.

Clean skin thoroughly immediately after handling the product. Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes and skin. Do not inhale gases / fumes / aerosols.

Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed.

Respiratory protection:Protection of hands:

Use suitable respiratory protective device in case of insufficient ventilation. Preventive skin protection by use of skin-protecting agents is recommended.

After use of gloves apply skin-cleaning agents and skin cosmetics.

The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL GmbH in compliance with EN374.

This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de).



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

Value for the permeation: Level ≤ 6, 480 min

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

 For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

Camatril (KCL, Art_No. 730, 731, 732, 733)

 As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

Camatril (KCL, 730, 731, 732, 733)

(Contd. on page 5)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

(Contd. of page 4)

· Not suitable are gloves made of

the following materials:

Leather gloves

Strong material gloves

· Eye protection:

Safety glasses

Face protection

Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid
Colour: Colourless
Odour: Odourless

· pH-value at 20 °C:

· Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 100 °C

· Flash point: >100 °C

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

· Vapour pressure: Not determined.

Density at 20 °C: 1.03 g/cm³

- Solubility in / Miscibility with

water: Easily soluble.

· Viscosity:

Dynamic at 20 °C: 2,000 mPas Kinematic: Not determined.

· Solvent content:

Water: >85.0 %

• 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

• 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

· Thermal decomposition /

conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous

reactions No dangerous reactions known.

10.4 Conditions to avoid
 10.5 Incompatible materials:
 No further relevant information available.
 No further relevant information available.

· 10.6 Hazardous decomposition

products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity Based on available data, the classification criteria are not met.

(Contd. on page 6)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

(Contd. of page 5)

 LD/LC50 	values	relevant fo	or classification:
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Alcohols, C12-C14, ethoxylated, sulphates, sodium salts

Oral LD50 >2,000-5,000 mg/kg (rat)
Dermal LD50 >2,000 mg/kg (rat)

· Primary irritant effect:

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity
 Carcinogenicity
 Reproductive toxicity
 STOT-single exposure
 Aspiration hazard
 Based on available data, the classification criteria are not met.
 Based on available data, the classification criteria are not met.
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SECTION 12: Ecological information

12.1 ToxicityAquatic toxicity:

Alcohols, C12-C14, ethoxylated, sulphates	, sodium salts

EC50/48h 7.4 mg/l (daphnia magna) NOEC/21d 0.27 mg/l (daphnia magna)

NOELR/28d | 0.14 mg/l (Oncorhynchus mykiss) EC50/72h | 27 mg/l (Scenedesmus subspicatus)

LC50/96h 7.1 mg/l (Brachydanio rerio)

12.2 Persistence and

degradability Easily biodegradable

12.3 Bioaccumulative potential
 12.4 Mobility in soil
 No further relevant information available.
 No further relevant information available.

· Additional ecological information:

• General notes: Do not allow undiluted product or large quantities of it to reach ground water,

water course or sewage system.

Water hazard class 1 (German Regulation) (Self-assessment): slightly

hazardous for water

· 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

• 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

• Recommendation Must not be disposed together with household garbage. Do not allow product to

reach sewage system.

Smaller quantities can be disposed of with household waste.

· European waste catalogue	
16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01 00	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 99	wastes not otherwise specified

(Contd. on page 7)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

(Contd. of page 6)

· Uncleaned packaging:

• Recommendation: Packaging may be reused or recycled after cleaning.

Disposal must be made according to official regulations.

SECTION 14: Transport information

· <u>14.1 UN-Number</u> · <u>ADR, ADN, IMDG, IATA</u>	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· <u>ADR, ADN, IMDG, IATA</u> · <u>Class</u>	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
 14.5 Environmental hazards: Marine pollutant: 	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II on Marpol and the IBC Code	<u>of</u> Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances -

ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006

ANNEX XVII Conditions of restriction: 3

• DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· National regulations:

· Information about limitation of use: Employment restrictions concerning juveniles must be observed.

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· VOC EU <85.0 g/l

· 15.2 Chemical safety

assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
 H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

 $\cdot \, \underline{\text{Recommended restriction of use}} \quad \text{refer to Technical Data Sheet (TDS)}$

(Contd. on page 8)

according to 1907/2006/EC, Article 31

Printing date 15.07.2020 Version number 2 Revision: 15.07.2020

Trade name: ARAGLIDE

SDB-Nr. 001-024-00120

(Contd. of page 7)

· Department issuing SDS:

Laboratory

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de

fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European

Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

· * Data compared to the previous

version altered.

Adaptation in accordance with REACH directive 1907/2006/EC

· Datasheet created on:

15.07.2020 04.02.2020

· Replaces version of: