

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



QUICKSTRIP ALKA

WM 1404743

Order number: 0404743

Version 3.0

Revision Date 22.01.2026

Print Date 11.03.2026

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

1.1 Product identifier

Trade name : QUICKSTRIP ALKA
UFI : JRTC-J0AD-A002-XRTE

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

Use of the Substance/Mixture : Cleaning agent
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642526
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone

EU: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin corrosion, Category 1 H314: Causes severe skin burns and eye damage.

Serious eye damage, Category 1 H318: Causes serious eye damage.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.

Precautionary Statements : P102 Keep out of reach of children.

Prevention:
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce

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vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/ doctor.
Disposal:
P501 Dispose of container into the collection of recyclables only when it is completely empty.

Hazardous ingredients which must be listed on the label:

sodium hydroxide
2-aminoethanol
Sulfonic acids, C14-17-sec-alkane, sodium salts

Safety data sheet available on request.

2.3 Other hazards

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

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.

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

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
sodium hydroxide	1310-73-2 215-185-5 011-002-00-6 01-2119457892-27	Met. Corr. 1; H290 Skin Corr. 1A; H314 Eye Dam. 1; H318 <hr/> specific concentration limit Skin Corr. 1A; H314 >= 5 % Skin Corr. 1B; H314 2 - < 5 % Skin Irrit. 2; H315 0,5 - < 2 % Eye Irrit. 2; H319 0,5 - < 2 %	>= 2 - < 3

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2-aminoethanol	141-43-5 205-483-3 603-030-00-8 01-2119486455-28	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin Corr. 1B; H314 STOT SE 3; H335 Aquatic Chronic 3; H412 Eye Dam. 1; H318 specific concentration limit STOT SE 3; H335 >= 5 % Acute toxicity estimate Acute oral toxicity: 500,0 mg/kg Acute inhalation toxicity: 11 mg/l Acute dermal toxicity: 1.100 mg/kg	>= 1 - < 2,5
sodium p-cumenesulphonate	15763-76-5 239-854-6 01-2119489411-37	Eye Irrit. 2; H319	>= 1 - < 3
Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1 307-055-2 01-2119489924-20	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412 specific concentration limit Acute Tox. 4; H302 > 60 % Eye Dam. 1; H318 > 15 % Eye Irrit. 2; H319 10 - 15 % Skin Irrit. 2; H315 > 10 %	>= 1 - < 2,5

SECTION 4: First aid measures

4.1 Description of first-aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.

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Wash off with soap and plenty of water.
Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
Protect unharmed eye.
Continue rinsing eyes during transport to hospital.

If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : corrosive effects

Risks : Causes serious eye damage.
Causes severe burns.

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas.

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6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Neutralize with acid.
 Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
 Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.
 For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 To avoid spills during handling keep bottle on a metal tray.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke.
 Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis

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Werner & Mertz
Professional

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2-aminoethanol	Not Assigned	TWA	1 ppm 2,5 mg/m ³	2006/15/EC
		Further information: Indicative, Identifies the possibility of significant uptake through the skin		
		STEL	3 ppm 7,6 mg/m ³	2006/15/EC
		Further information: Indicative, Identifies the possibility of significant uptake through the skin		

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

Substance name	End Use	Routes of exposure	Potential health effects	Value
1-(1-methyl-2-propoxyethoxy)propan-2-ol	Workers	Skin contact	Long-term systemic effects	60 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	83 mg/m ³
	Consumers	Skin contact	Long-term systemic effects	30 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	21 mg/m ³
	Consumers	Ingestion	Long-term systemic effects	6 mg/kg
sodium hydroxide	Workers	Inhalation	Long-term local effects	1,0 mg/m ³
	Workers	Inhalation	Long-term systemic effects, Long-term local effects	1,5 mg/m ³
	Workers	Inhalation	Short-term exposure, Local effects, Systemic effects	3 mg/m ³
	Consumers	Inhalation	Long-term local effects, Long-term systemic effects	0,6 mg/m ³
	Consumers	Inhalation	Short-term exposure, Local effects, Systemic effects	1,2 mg/m ³
	Consumers	Ingestion	Long-term local effects, Long-term systemic	25 mg/m ³

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			effects	
2-aminoethanol	Workers	Skin contact	Long-term systemic effects	1 mg/kg
	Workers	Inhalation	Long-term local effects	3,3 mg/m3
	Consumers	Skin contact	Long-term systemic effects	0,24 mg/kg
	Consumers	Ingestion	Long-term systemic effects	3,75 mg/kg
	Consumers	Inhalation	Long-term local effects	2 mg/m3
	Consumers	Oral	Long-term systemic effects	1,5 mg/kg bw/day
	Workers	Skin contact	Long-term systemic effects	3 mg/kg bw/day
	Consumers	Skin contact	Long-term systemic effects	1,5 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	1 mg/m3
	Workers	Inhalation	Long-term local effects	0,51 mg/m3
	Consumers	Inhalation	Long-term systemic effects	0,18 mg/m3
	Consumers	Inhalation	Long-term local effects	0,28 mg/m3
sodium p-cumenesulphonate	Workers	Skin contact	Long-term systemic effects	191 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	37,4 mg/m3
	Consumers	Skin contact	Long-term systemic effects	3,8 mg/kg
	Consumers	Inhalation	Long-term systemic effects	13,2 mg/m3
	Consumers	Ingestion	Long-term systemic effects	3,8 mg/kg bw/day
	Workers	Skin contact	Long-term systemic effects	136,25 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	26,9 mg/m3

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	Workers	Skin contact	Long-term local effects	0,096 mg/cm ²
	Consumers	Skin contact	Long-term systemic effects	68,1 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	6,6 mg/m ³
	Consumers	Inhalation	Long-term local effects	0,048 mg/cm ²
Sulfonic acids, C14-17-sec-alkane, sodium salts	Workers	Skin contact	Acute local effects	2,8 mg/cm ²
	Workers	Skin contact	Long-term systemic effects	5 mg/kg
	Workers	Inhalation	Long-term systemic effects	35 mg/m ³
	Workers	Skin contact	Long-term local effects	2,8 mg/cm ²
	Consumers	Skin contact	Acute local effects	2,8 mg/cm ²
	Consumers	Skin contact	Long-term systemic effects	3,57 mg/kg
	Consumers	Inhalation	Long-term systemic effects	12,4 mg/m ³
	Consumers	Ingestion	Long-term systemic effects	7,1 mg/kg
	Consumers	Skin contact	Long-term local effects	2,8 mg/cm ²

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

Substance name	Environmental Compartment	Value
2-aminoethanol	Fresh water	0,07 mg/l
	Sea water	0,007 mg/l
	STP	100 mg/l
	intermittent release	0,028 mg/l
	Fresh water sediment	0,357 mg/kg
	Sea sediment	0,0357 mg/kg
	Soil	1,29 mg/kg
sodium p-cumenesulphonate	STP	100 mg/l
	Fresh water sediment	0,862 mg/kg

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	Sea sediment	0,0862 mg/kg
	Soil	0,037 mg/kg
	Fresh water	0,1 mg/l
	intermittent release	1 mg/l
	Sea water	0,01 mg/l
	Fresh water sediment	0,372 mg/kg dry weight (d.w.)
	Sea sediment	0,0372 mg/kg dry weight (d.w.)
	Soil	0,016 mg/kg dry weight (d.w.)
Sulfonic acids, C14-17-sec-alkane, sodium salts	Fresh water	0,04 mg/l
	Sea water	0,004 mg/l
	Fresh water sediment	9,4 mg/kg
	Sea sediment	0,94 mg/kg
	Soil	9,4 mg/kg
	STP	600 mg/l
	intermittent release	0,06 mg/l
	Oral	53,3 mg/kg

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Tightly fitting safety goggles

Hand protection

Material : Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

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Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Remove and wash contaminated clothing before re-use.

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

Recommended Filter type:

ABEK-P3-filter

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Color	: colorless
Odor	: characteristic
Melting point/freezing point	: No data available
Boiling point/boiling range	: No information available.
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: does not flash
Ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: ca. 13,1, 100 % at 20 °C
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Vapor pressure	: No data available
Density	: ca. 1,036 g/cm ³ at 20 °C

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Relative density : No data available
Relative vapor density : No data available
Particle characteristics : No data available

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.
No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Our company is strongly against animal testing.
Our company does not place any orders for animal testing for the finished product or the ingredients.
However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

Acute toxicity

Not classified due to lack of data.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

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Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Components:

sodium hydroxide

1310-73-2:

Acute oral toxicity : LD50 Oral (Rat): 2.000 mg/kg

2-aminoethanol

141-43-5:

Acute oral toxicity : LD50 Oral (Rat): 1.515 mg/kg
Method: OECD Test Guideline 401

Acute toxicity estimate: 500,0 mg/kg
Method: Converted acute toxicity point estimate

LD50 (Rat): 1.089 mg/kg
Method: OECD Test Guideline 401

LD50 (Rat): 1.750 - 2.050 mg/kg

Acute inhalation toxicity : LC50 (Rat): 1,3 mg/l
Exposure time: 6 h
Remarks: Harmful by inhalation.

LC50 (Rat): 1,487 mg/l
Exposure time: 4 h

Acute toxicity estimate: 11 mg/l

LC50 (Rat): 1,3 mg/l
Exposure time: 4 h

Acute dermal toxicity : LD50 Dermal (Rabbit): 2.504 mg/kg
Method: OECD Test Guideline 402

Acute toxicity estimate: 1.100 mg/kg
Method: Converted acute toxicity point estimate

LD50 (Rabbit): 1.000 mg/kg

sodium p-cumenesulphonate

15763-76-5:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): 5 mg/l
Exposure time: 232 min

LC50 (Rat): 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg

LD50 (Rabbit): > 2.000 - 5.000 mg/kg

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Sulfonic acids, C14-17-sec-alkane, sodium salts

97489-15-1:

Acute oral toxicity	:	LD50 Oral (Rat): > 2.000 mg/kg Method: OECD Test Guideline 401
Acute dermal toxicity	:	LD50 Dermal (Mouse): > 2.000 mg/kg

Skin corrosion/irritation

Causes severe burns.

Product:

Remarks : Extremely corrosive and destructive to tissue.

Components:

sodium hydroxide

1310-73-2:

Result : Corrosive

2-aminoethanol

141-43-5:

Species	:	Rabbit
Assessment	:	Corrosive
Method	:	OECD Test Guideline 404
Result	:	Corrosive

sodium p-cumenesulphonate

15763-76-5:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	No skin irritation
Remarks	:	Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:

sodium hydroxide

1310-73-2:

Result : Corrosive

2-aminoethanol

141-43-5:

Species	:	Rabbit
Assessment	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405

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| Result : Risk of serious damage to eyes.

sodium p-cumenesulphonate

15763-76-5:

| Species : Rabbit
| Method : OECD Test Guideline 405
| Result : Moderate eye irritation
| Remarks : Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Product:

Remarks : No data available

Components:

2-aminoethanol

141-43-5:

| Test Type : Maximization Test
| Species : Guinea pig
| Method : OECD Test Guideline 406
| Result : Did not cause sensitization on laboratory animals.

sodium p-cumenesulphonate

15763-76-5:

| Test Type : Buehler Test
| Species : Guinea pig
| Method : OECD Test Guideline 406
| Result : Did not cause sensitization on laboratory animals.

Germ cell mutagenicity

Not classified due to lack of data.

Germ cell mutagenicity : Not Rated

Components:

sodium p-cumenesulphonate

15763-76-5:

| Genotoxicity in vitro : Result: negative
| Genotoxicity in vivo : Remarks: negative

Carcinogenicity

Not classified due to lack of data.

Carcinogenicity : Not Rated

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Components:

sodium p-cumenesulphonate

15763-76-5:

Species	:	Rat
Application Route	:	Dermal
Exposure time	:	2 Years
Activity duration	:	5 h
Method	:	OECD Test Guideline 453
Result	:	no increase in tumors observed
Remarks	:	Information taken from reference works and the literature.

Carcinogenicity - Assessment	:	Animal testing did not show any carcinogenic effects.
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Reproductive toxicity

Not classified due to lack of data.

Reproductive toxicity	:	Not Rated
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STOT-single exposure

Not classified due to lack of data.

STOT-single exposure	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
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Components:

sodium p-cumenesulphonate

15763-76-5:

Assessment	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
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STOT-repeated exposure

Not classified due to lack of data.

STOT-repeated exposure	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
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Components:

sodium p-cumenesulphonate

15763-76-5:

Assessment	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
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Repeated dose toxicity

Components:

sodium p-cumenesulphonate

15763-76-5:

Species	:	Rat
NOAEL	:	763 mg/kg
Application Route	:	Oral
Target Organs	:	Cardio-vascular system

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Species	:	Mouse
NOAEL	:	440 mg/kg
LOAEL	:	1.300 mg/kg
Application Route	:	Dermal
Method	:	OECD Test Guideline 411
Target Organs	:	Skin

Sulfonic acids, C14-17-sec-alkane, sodium salts

97489-15-1:

Species	:	Rat, male and female
NOAEL	:	200 mg/kg
Application Route	:	Oral

Species	:	Mouse
NOAEL	:	500 mg/kg
Application Route	:	Dermal

Aspiration toxicity

Not classified due to lack of data.

Aspiration toxicity : Not Rated

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : 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.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

sodium hydroxide

1310-73-2:

Toxicity to fish	:	LC50 (Fish): 33 - 189 mg/l Exposure time: 96 h
		LC50 (Gambusia affinis (Mosquito fish)): 125 mg/l Exposure time: 96 h
		LC50 (Poecilia reticulata (guppy)): 76 mg/l Exposure time: 24 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia): 40,4 mg/l

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	EC50 (<i>Daphnia magna</i> (Water flea)): 76 mg/l Exposure time: 24 h
	EC50 (<i>Ceriodaphnia</i> (water flea)): 40,4 mg/l Exposure time: 48 h Test Type: Immobilization
Toxicity to microorganisms	: EC50 (<i>Photobacterium phosphoreum</i>): 22 mg/l Exposure time: 15 min
2-aminoethanol	
141-43-5:	
Toxicity to fish	: LC50 (<i>Oncorhynchus mykiss</i> (rainbow trout)): 150 mg/l Exposure time: 96 h
	LC50 (<i>Lepomis macrochirus</i> (Bluegill sunfish)): 329 mg/l Exposure time: 96 h
	LC50 (<i>Cyprinus carpio</i> (Carp)): 349 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203
	LC50 (<i>Carassius auratus</i> (goldfish)): 170 mg/l Exposure time: 96 h Test Type: static test
	LC50 (<i>Leuciscus idus</i> (Golden orfe)): 224 mg/l Exposure time: 48 h
	LC50 (<i>Oncorhynchus mykiss</i> (rainbow trout)): 105 mg/l Exposure time: 96 h
	(<i>Oryzias latipes</i> (Orange-red killifish)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (<i>Daphnia magna</i> (Water flea)): 27,04 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202
	NOEC (<i>Daphnia magna</i> (Water flea)): 0,85 mg/l Exposure time: 21 d Method: OECD Test Guideline 211
	EC50 (<i>Daphnia magna</i> (Water flea)): 65 mg/l Exposure time: 48 h Test Type: static test Method: EG 84/449
Toxicity to algae/aquatic plants	: EC50 (<i>Selenastrum capricornutum</i>): 2,8 mg/l Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 201
	EC50 (<i>Scenedesmus subspicatus</i>): 22 mg/l Exposure time: 72 h Test Type: Growth inhibition

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		NOEC (Selenastrum capricornutum): 1 mg/l Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 201
		EC50 (Scenedesmus subspicatus): 15 mg/l Exposure time: 72 h
		EC50 (Selenastrum capricornutum): 2,5 mg/l Exposure time: 72 h
		EC10 (Pseudokirchneriella subcapitata (green algae)): 0,7 mg/l Exposure time: 72 h Test Type: Growth inhibition Method: OECD Test Guideline 201
Toxicity to microorganisms	:	EC20 (activated sludge): > 1.000 mg/l Exposure time: 0,5 h Method: OECD Test Guideline 209
		EC50 (Pseudomonas putida): 110 mg/l Exposure time: 16 h Method: DIN 38412
		EC50 (activated sludge): > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
		EC50 (Pseudomonas putida): 110 mg/l Exposure time: 17 h Test Type: Respiration inhibition
Toxicity to fish (Chronic toxicity)	:	NOEC: 1,2 mg/l Exposure time: 30 d Species: Oryzias latipes (Orange-red killifish)
Toxicity to soil dwelling organisms	:	EC50: 4.033 mg/kg Exposure time: 63 d Species: Eisenia fetida (earthworms)

sodium p-cumenesulphonate

15763-76-5:

Toxicity to fish	:	LC50 (Cyprinus carpio (Carp)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
		LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h Test Type: static test
		LC50 (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test

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	Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	EC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 96 h Test Type: static test
	EC50 (Raphidocelis subcapitata (freshwater green alga)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	EC10 (Raphidocelis subcapitata (freshwater green alga)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to microorganisms	: EC10 (activated sludge): > 1.000 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209

Sulfonic acids, C14-17-sec-alkane, sodium salts

97489-15-1:

Toxicity to fish	: LC50 (Danio rerio (zebra fish)): 1 - 10 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 9,81 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 GLP: yes
Toxicity to algae/aquatic plants	: EC50 (Scenedesmus subspicatus): > 61 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 GLP: yes
Toxicity to microorganisms	: see user defined free text (Pseudomonas putida): 600 mg/l Exposure time: 16 h Method: DIN 38412
Toxicity to fish (Chronic toxicity)	: NOEC: Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Analytical monitoring: yes Method: OECD Test Guideline 204 GLP: yes
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 0,36 mg/l Exposure time: 22 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 202 GLP: yes
Toxicity to soil dwelling organisms	: NOEC: 470 mg/kg Exposure time: 56 d Species: Eisenia fetida (earthworms) Method: OECD Test Guideline 222

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GLP:yes

12.2 Persistence and degradability

Components:

sodium hydroxide

1310-73-2:

Biodegradability : Result: Biodegradable
Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

2-aminoethanol

141-43-5:

Biodegradability : Test Type: aerobic
Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: > 90 %
Exposure time: 21 d
Method: OECD 301 A

Result: rapidly biodegradable
Biodegradation: 90 - 100 %
Method: OECD 301 F

Biochemical Oxygen Demand (BOD) : 800 mg/g
Incubation time: 5 d

ThOD : 1,31 g/g

sodium p-cumenesulphonate

15763-76-5:

Biodegradability : Test Type: aerobic
Result: Readily biodegradable.
Biodegradation: > 60 %
Exposure time: 28 d
Method: OECD 301 B

Sulfonic acids, C14-17-sec-alkane, sodium salts

97489-15-1:

Biodegradability : Test Type: aerobic
Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 78 %
Exposure time: 28 d
Method: OECD 301 B
Remarks: Readily biodegradable, according to appropriate OECD test.

Inoculum: activated sludge
Result: rapidly biodegradable
Biodegradation: 89 %
Exposure time: 28 d
Method: OECD 301 E
Remarks: Readily biodegradable, according to appropriate OECD test.

Test Type: aerobic

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	Inoculum: activated sludge Result: Readily biodegradable. Biodegradation: 96,2 % Exposure time: 34 d Method: OECD Test Guideline 303A Remarks: Readily biodegradable, according to appropriate OECD test.
Chemical Oxygen Demand (COD)	: 1.510 mg/g
Dissolved organic carbon (DOC)	: 322 mg/g

12.3 Bioaccumulative potential

Components:

sodium hydroxide

1310-73-2:

Bioaccumulation	: Species: Fish Remarks: No bioaccumulation is to be expected (log Pow <= 4).
-----------------	--

2-aminoethanol

141-43-5:

Bioaccumulation	: Bioconcentration factor (BCF): 1 Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.
Partition coefficient: n-octanol/water	: log Pow: -1,91 (25 °C) Method: OECD Test Guideline 107 log Pow: -2,3 (25 °C) pH: 6,8 - 7,3 Method: OECD Test Guideline 107

sodium p-cumenesulphonate

15763-76-5:

Bioaccumulation	: Bioconcentration factor (BCF): 3,16 Remarks: Bioaccumulation is unlikely.
-----------------	--

12.4 Mobility in soil

Components:

2-aminoethanol

141-43-5:

Distribution among environmental compartments	: Medium: Soil Koc: 5 Remarks: Highly mobile in soils
Stability in soil	: Remarks: Will not adsorb on soil.

sodium p-cumenesulphonate

15763-76-5:

Distribution among environmental compartments	: Koc: 1,25 Method: Calculation method Remarks: Information taken from reference works and the literature.
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Stability in soil : Remarks: Not expected to adsorb on soil.

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:

2-aminoethanol

141-43-5:

Assessment : Not very persistent and very bioaccumulative (vPvB).. Not persistent, bioaccumulative, and toxic (PBT).

sodium p-cumenesulphonate

15763-76-5:

Assessment : Not persistent, bioaccumulative, and toxic (PBT).. Not very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

Product:

Assessment : 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.

12.7 Other adverse effects

Product:

Additional ecological information : There is no data available for this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

Waste Code : European Waste Catalog
20 01 29*
According to the European Waste Catalog, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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SECTION 14: Transport information

14.1 UN number or ID number

ADR : 1760
IMDG : 1760
IATA : 1760

14.2 UN proper shipping name

ADR : CORROSIVE LIQUID, N.O.S.
(sodium hydroxide)
IMDG : CORROSIVE LIQUID, N.O.S.
(sodium hydroxide)
IATA : Corrosive liquid, n.o.s.

14.3 Transport hazard class(es)

ADR : 8
IMDG : 8
IATA : 8

14.4 Packing group

ADR
Classification Code : C9
Packaging group : III
Hazard Identification Number : 80
Labels : 8
Tunnel restriction code : (E)
IMDG
Packaging group : III
Labels : 8
EmS Number : F-A, S-B
IATA
(Cargo) : Corrosive liquid, n.o.s.
Packaging group : III
Labels : 8

14.5 Environmental hazards

ADR
Environmentally hazardous : no

IMDG
Marine pollutant : no
IATA
Environmentally hazardous : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

For personal protection see section 8.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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SECTION 15: Regulatory information

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

- Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable
- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction
- Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable
- TA Luft List (Germany) : Total dust: Not applicable
: Inorganic substances in powdered form: Not applicable
: Inorganic substances in vapor or gaseous form: Not applicable
: Organic Substances: : portionClass 1: 2,3 %
: Carcinogenic substances: Not applicable
: mutagenic: Not applicable
: Toxic to reproduction: Not applicable
- Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)
Update: Percent volatile: 2,31 %
- according to Detergents Regulation EC 648/2004 : <5% anionic surfactants, soap, perfumes

15.2 Chemical Safety Assessment

SECTION 16: Other information

Full text of H-Statements

- H290 : May be corrosive to metals.
H302 : Harmful if swallowed.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

- Acute Tox. : Acute toxicity
Aquatic Chronic : Long-term (chronic) aquatic hazard
Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation

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Met. Corr.	:	Corrosive to Metals
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation
STOT SE	:	Specific target organ toxicity - single exposure
2006/15/EC	:	Europe. Indicative occupational exposure limit values
2006/15/EC / TWA	:	Limit Value - eight hours
2006/15/EC / STEL	:	Short term exposure limit

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 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 Standardization; 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 Organization 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, Authorization 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Skin Corr. 1 H314

Eye Dam. 1 H318

Classification procedure:

Based on product data or assessment

Based on product data or assessment

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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