

Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 09.12.2019 Supersedes edition of: 26.02.2018

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

1.1 Product identifier

Product name: Allzweckreiniger

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

Identified uses: Cleaner

1.3 Details of the supplier of the safety data sheet

Company: Otto Oehme GmbH
Industriestraße 20
D-90584 Allersberg Deutschland
Tel. +49 9176 98050
info@oehme-lorito.de

1.4 Emergency telephone number

GIZ Nord Poisons Centre, Göttingen Tel. +49 (0) 551 19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2, H315

Eye Dam. 1, H318

Skin Sens. 1, H317

Aquatic Chronic 3, H412

Full text of hazard statements: See under section 16.

2.2 Label elements

Labelling (Regulation (EC) No. 1272/2008)

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains D-limonene. May produce an allergic reaction.

Product name: Allzweckreiniger
 Revision date: 09.12.2019

Precautionary statements:

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

P310 Immediately call a POISON CENTER/doctor.

Contains: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., sodium salts.

2.3 Other hazards

Not known.

SECTION 3: Composition / information on ingredients

Solution in water.

Hazardous components (Regulation (EC) No. 1272/2008)

<i>Chemical name</i>				<i>Content</i>
<i>CAS-No.</i>	<i>EC-No.</i>	<i>EC-Index-No.</i>	<i>Classification</i>	
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., sodium salts				< 10 %
68411-30-3	270-115-0		Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
REACH Registration Number: 01-2119489428-22				
Isotridecanol, ethoxylated				< 5 %
69011-36-5	500-241-6		Eye Dam. 1, H318 Acute Tox. 4, H302	
REACH Registration Number: 02-2119552461-55				
D-Limonene				0.1 – < 3 %
5989-27-5	227-813-5	601-029-00-7	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
REACH Registration Number: 01-2119529223-47				

Full text of hazard statements: See under section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures**

After inhalation: Fresh air. Call in physician if feeling unwell.

After skin contact: Wash off with plenty of water. Remove contaminated clothing. Consult a physician if skin irritations occur.

After eye contact: Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist immediately.

After swallowing: Make victim drink plenty of water (two glasses at most), avoid vomiting. Call in physician.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions, irritant effects, CNS disorders.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media***Suitable extinguishing media*

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

Unsuitable extinguishing media

For this substance / mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Not Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters*Special protective equipment for firefighters*

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Further information

Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Caution: Risk of slipping.

Do not inhale vapours/aerosols. Avoid substance contact. Use personal protective equipment as required, see section 8.2. Ensure supply of fresh air in enclosed rooms. In case of inadequate ventilation wear respiratory protection.

6.2 Environmental precautions

Do not get undiluted into sewerage system.

6.3 Methods and material for containment and cleaning up

Take up with incombustible liquid-absorbent material. Forward for disposal. Clean up affected area.

6.4 Reference to other sections

Indications about waste treatment see section 13.

Product name: Allzweckreiniger
Revision date: 09.12.2019

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Notes for safe handling

Ensure adequate ventilation. Avoid contact with skin and eyes. Do not inhale vapours/aerosols. Avoid generation of vapours/aerosols.

Notes for prevention of fire and explosion

Not required.

7.2 Conditions for safe storage, including any incompatibilities

Store cool above 5 °C. Keep away from sun and heat.

Tightly closed in a well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational limit values.

8.2 Exposure controls

Individual protection measures

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye / face protection:

Eye protection (EN 166).

Hand protection:

Material: Nitrile rubber.

Thickness: 0.1 mm

Breakthrough time: > 480 min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374, e.g. Franz Mensch Nitrile Safe Premium.

This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves.

Respiratory protection:

Required when vapours/aerosols are generated. Filter A2 P2 (EN 14387).

Hygiene measures

Change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form:	liquid
Colour:	blue
Odour:	perfumed
pH value	~ 10
Melting point	not specified
Boiling point	not specified
Ignition temperature	not applicable
Flash point	not applicable
Explosion limits	lower not applicable
	upper not applicable
Density (20 °C)	~ 1.0 g/cm ³
Solubility in water	miscible

9.2 Other information

None.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No information available.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Corrosive substances, halogenes, bases, acids, reactive chemicals.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information**11.1 Information on toxicological effects***Acute oral toxicity*

LD₅₀ rat: 1470 mg/kg (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

LD₅₀ rat: 500 - 2000 mg/kg (OECD 423; Isotridecanol, ethoxylated)

LD₅₀ rat: > 2000 mg/kg (external MSDS; D-Limonene)

Product name: Allzweckreiniger
Revision date: 09.12.2019

Acute dermal toxicity

LD₅₀ rat: > 2000 mg/kg (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

LD₅₀ rabbit: > 2000 mg/kg (external MSDS; D-Limonene)

Skin irritation

Corrosive (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

Causes severe skin burns.

Rabbit: No irritation (OECD 404; Isotridecanol, ethoxylated).

Rabbit: Irritations (external MSDS; D-Limonene).

Causes skin irritation.

Eye irritation

Corrosive (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.).

Causes serious eye damage.

Rabbit: Eye irritation (OECD 405; Isotridecanol, ethoxylated).

Causes serious eye irritation.

Rabbit: Eye irritation (external MSDS; D-Limonene).

Sensitisation

Guinea pig: Positive (external MSDS; D-Limonene).

May cause an allergic skin reaction.

Genotoxicity in vitro

Ames test: Negative (external MSDS; D-Limonene).

Specific target organ toxicity – single exposure

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

Specific target organ toxicity – repeated exposure

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

Aspiration hazard

No aspiration toxicity classification.

11.2 Further information

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

Lepomis macrochirus LC₅₀: 1 – 10 mg/l /96 h (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

Leuciscus idus LC₅₀: 1 – 10 mg/l /96 h (external MSDS; Isotridecanol, ethoxylated)

Pimephales promelas LC₅₀: 0.70 mg/l /96 h (external MSDS; D-Limonene).

Toxicity to daphnia and other aquatic invertebrates

Daphnia sp. EC₅₀: 1 – 10 mg/l /48 h (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

Aquatic invertebrates: EC₅₀: 1 – 10 mg/l /48 h (external MSDS; Isotridecanol, ethoxylated)

Daphnia magna: EC₅₀: 0.42 mg/l /48 h (external MSDS; D-Limonene).

Product name: Allzweckreiniger
Revision date: 09.12.2019

Toxicity to algae

EC₅₀: 1 – 10 mg/l (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

EC₅₀: 1 – 10 mg/l /72 h (external MSDS; Isotridecanol, ethoxylated)

Toxicity to bacteria

Activated sludge: EC₁₀: > 10000 mg/l /17 h (DIN 38412 (8); Isotridecanol, ethoxylated)

12.2 Persistence and degradability

Biodegradability

The surfactants contained in this preparation 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.

Biodegradation: > 60 % / 28 d (OECD 301B; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

Readily biodegradable (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.)

Biodegradation: > 60 % / 28 d (OECD 301B; Isotridecanol, ethoxylated)

Readily biodegradable (Isotridecanol, ethoxylated)

Biodegradation: 41 – 98 % /14 d (OECD 301 C; D-Limonene)

Readily biodegradable (D-Limonene)

Biodegradation: 93.8 % /14 d (OECD 303 A; D-Limonene)

12.3 Bioaccumulative potential

Bioconcentration factor: > 100 (external MSDS; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.).

No bioaccumulation is to be expected (external MSDS; Isotridecanol, ethoxylated).

Partition coefficient: n-octanol / water: log P_{OW}: 4.23 (external MSDS; D-Limonene).

A remarkable bioaccumulation potential is expected (D-Limonene).

12.4 Mobility in soil

A binding to the solid phase of the soil is not expected (external MSDS; Reaction mass of (2S)-Alanine, N,N-bis(carboxymethyl)-, trisodiumsalt and (2R)-Alanine, N,N-bis(carboxymethyl)-, trisodiumsalt).

12.5 Results of PBT and vPvB assessment

PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

12.6 Other adverse effects

Further information on ecology

COD: 2.1 g/g (external MSDS; Isotridecanol, ethoxylated).

Do not allow to enter waters, waste water, or soil!

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product:

Chemicals must be disposed of in compliance with the respective national regulations.

Code of the waste

200129*

070601*

Name according to directive 2000/532/EC:

detergents containing dangerous substances.

aqueous washing liquids and mother liquors.

Packaging:

Product packaging must be disposed of in compliance with the country-specific regulations or must be to a packaging return system.

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

EU regulations

Ingredients according to Regulation (EC) on detergents No. 648/2004:

Anionic surfactants: 5 % or over but less than 15 %

Non-ionic surfactants: Less than 5 %

Perfumes. Limonene.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: Other information

Reason for alteration:

SECTION 6: Accidental release measures

SECTION 8: Exposure controls/personal protection

SECTION 13: Disposal considerations

Full text of hazard statements referred to under sections 2 and 3:

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.