

Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)
Date of issue: 13.10.2020 Supersedes edition of: ---

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

1.1 Product identifier

Product name: Sanitärdesinfektionsreiniger OT2 DR3301

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

Identified uses: Disinfectant 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

This mixture is not classified as dangerous according to European Union legislation.

2.2 Label elements

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

This product does not need to be labelled in accordance with EC regulation or respective national laws.

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>Labelling according to EC-Regulation</i>	
Didecyldimethylammonium chloride (*)				> 0.1 – < 1 %
7173-51-5	230-525-2	612-131-00-6	Acute Tox. 3, H301 Skin Corr. 1B, H314 Eye Dam. 1; H318 Aquatic Acute 1, H400 Aquatic Chronic 2; H411	

Full text of hazard statements: See under section 16.

(*) A registration number is not available for this substance as the substance or its use is exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Fresh air.

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 if eye irritations occur.

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

No information available.

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.

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***2-Aminoethanol*

ECLV

Name	2-Aminoethanol
Limit value 8 hours	1 ppm 2.5 mg/m ³
Short term (< 15 min.)	3 ppm 7.6 mg/m ³

Product name: Sanitärdesinfektionsreiniger OT2 DR3301
Revision date: 13.10.2020

EH40 WEL
Name 2-Aminoethanol
Short term exposure limit (STEL) 3 ppm
7.6 mg/m³

Time weighted average (TWA) 1 ppm
2.5 mg/m³

2-Propanol
EH40 WEL
Name 2-Propanol
Short term exposure limit (STEL) 500 ppm
1250 mg/m³

Time weighted average (TWA) 400 ppm
999 mg/m³

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) recommended.

Hand protection:

Hand protection recommended.

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: colourless
Odour: characteristic
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

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

See section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Quantitative data on the toxicity of this product are not available.

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**

Quantitative data on the ecological effect of this product are not available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

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

Additional ecological information:

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: Less than 5 %

Disinfectant: Didecyldimethylammonium chloride.

15.2 Chemical safety assessment

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

SECTION 16: Other information

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

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H411 Toxic 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.