

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

Desguard 20

(EU-Version)

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1. Identification of the product and of the company

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Identification of the product:

Desguard 20 (EU-Version)  
Cleaner & Disinfectant for professional use

Company/undertaking identification:

Ecolab GmbH & Co.OHG  
Reisholzer Werftstrasse 38-42  
Postfach 130406  
D-40554 Düsseldorf  
Tel. Nr.: 0211 9893-0 Fax Nr.: 0211 9893-384

EUROPEAN DRAFT ONLY ! Only for internal use !  
Final version has to be created and approved locally !  
The Henkel information service also provides an around-the-clock  
telephone service on telephone No. ++49-(0)211/797-3350 for  
exceptional cases.

2. Composition/information on ingredients

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Declaration according recommendation 89/542/EEC:

5 - 15 %:

disinfectants,

below 5 %:

nonionic surfactants,

Further ingredients: Antimicrobial agents, complexing agent,  
solvent, anticorrosion agent.

Declaration of ingredients:

4,0	%	Lauryldipropylen triamine
		Symbol: C, N,
		R-phrase: 35-22-50/53
		EINECS: 219-145-8
7,5	%	Alkylbenzyltrimethylammoniumchloride
		Symbol: C,N
		R-phrase: 22-34-50
		EINECS: 287-089-1
1-5	%	Nonionic surfactant
		Symbol: Xi
		R-Phrases: 41
		CAS-Nr.: 141464-42-8

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### 3. Hazards identification of the product

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R 34: Causes burns

### 4. First aid measures

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In case of an accident, show physican label or safety data sheet

after inhalation:

when using appropriately no breath of the concentrate is given.

If the concentrate is sprayed by mistake:

Fresh air, consult doctor if complaint persist.

after skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes.

after eye contact:

Immediately flush eyes with copious amounts of running water (for 10 minutes), see an oculist.

after ingestion:

Drink 1-2 glasses of water, seek immediate medical attention.

### 5. Fire-fighting measures

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Suitable extinguishing media:

suitable for all regular extinguishing materials

Extinguishing media which must not be used for safety reasons:

none known

Special exposure hazards arising from the product itself, from combustion products or from resulting gases:

none known

Special protective equipment for firefighters:

Wear protective equipment.

### 6. Accidental release measures

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Personal precautions:

Wear protective equipment. Avoid contact with skin and eyes.

Environmental precautions:

Do not allow large amounts to be released into the sewer system.

Methods of cleaning up/of removing:

Remove mechanically wash away residue with plenty of water;

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Other indications:

Dilute small quantities with large amount of water and rinse.

7. Handling and storage

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Handling:

Extract product from the supply container using only the dispensing aids recommended by Ecolab.  
Avoid spraying/aerosol generation.

Storage:

Store only in the original container.  
Do not store at temperatures above 25 °C;

Storage Class: VCI-storage class: 8A (BRD)

8. Exposure controls / personal protection

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Information on the system design:

No further data, see item 7.

Components with specific control parameters:

none

Personal protection:

The German accident prevention regulations (UVV) for health service and welfare (BGW BGV C8 and GUV 8.1 the BUK) specify in their Art. 7 the protective clothing to be worn for cleaning and disinfection measures.

Respiratory protection: not necessary

Hand protection: Wear Category III (EN 374) chemical protective gloves made of butyl rubber or nitrile rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions.

Eye protection: protective goggles

Skin protection: suitable protective clothing  
Safety shoes or closed footwear.

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## 9. Physical and chemical properties

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Physical state: liquid  
Colour: violet  
Odour: pleasantly fresh

pH: (undiluted) (20°C) ca.10,4  
(at 10g/l H<sub>2</sub>O) (20°C) 10,0

Cloudpoint: < -5 °C  
Clarification point: > +1,5 °C

Flash point: No flash point up to 100 °C

Vapour pressure: not applicable

Relative density: (20°C) ca. 0,997 g/cm<sup>3</sup>

Solubility: (20°C) soluble in water

Viscosity: (20°C) 47,5 mPa.s Brookfield

## 10. Stability and reactivity

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Conditions to avoid:  
No decomposition if used according to specifications

Materials to avoid:  
Reacts with Aldehyden

Hazardous decomposition products:  
none if used for intended purpose

## 11. Toxicological information

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Ingestion:  
According to its acute toxicity data and its composition the product is acute moderately toxic after ingestion.

Skin contact:  
The product causes corrosion on skin and mucous membranes.

Eye contact:  
Risk of serious damage to eyes

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12. Ecological information

Persistence and degradability:

This product contains surfactants which are at least 90 % biodegradable by reference to the German regulation June 4, 1986.

13. Disposal considerations

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors.

In case of doubt we will be happy to advise you.

Use rest of contents as far as possible according to instructions.

Can be added to materials collection after completely emptying.

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## 14. Transport information

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## Transport over land ADR/RID:

Class: 8 PG: III

1st numbering of tanks panel: 80

2nd numbering of tanks panel: 1903

## Designation of goods:

UN 1903 Desinfektionsmittel, flüssig, ätzend,  
n.a.g. (enthält  
Dimethylalkylbenzylammoniumchlorid und  
Lauryldipropylentriamin

## Transport over inland waterways ADN/ADNR:

Class: 8 PG: III

## Designation of goods:

UN 1903 Desinfektionsmittel, flüssig, ätzend,  
n.a.g. (enthält  
Dimethylalkylbenzylammoniumchlorid und  
Lauryldipropylentriamin

## Transport over sea IMDG:

Class: 8 UN-Nr.: 1903

PG: III

EmS: 8-06

## Proper shipping name:

Disinfectant, liquid, corrosive, n.o.s.  
(contains Dimethyl alkyl benzyl  
ammoniumchloride and Lauryl dipropylene  
triamine)

## Transport by air ICAO/IATA:

Class: 8 UN/ID-Nr.: 1903 PG: III

Pkg-Instr. (passengerair.): 818

Pkg-Instr. (cargo air. only): 820

## Proper shipping name:

Disinfectant, liquid, corrosive, n.o.s.  
(contains Dimethyl alkyl benzyl  
ammoniumchloride and Lauryl dipropylene  
triamine)

## 15. Regulatory information

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## Classification and labelling according to GefStoffV:

## Symbols of danger:

C Corrosive

## Ingredients:

Lauryldipropylentriamin, Benzalkoniumchlorid

## R-phrases:

R 34: Causes burns

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S-phrases:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

National prescriptions:

Not a combustible liquid according to the regulations governing combustible liquids (VbF) in Germany.

WGK = 3, stark wassergefährdendes Produkt. Einstufung WGK = 3, highly water-endangering product (manufacturer classification in conformity with the calculation method of the German VwVwS of May 17, 1999).

UBA-no: 0779 0584

16. Other information

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

The product is provided for the professional user.

Full text of the R-phrases indicated by codes in this safety data sheet. The product code/identification/designation is indicated in Section 15.

R 22: Harmful if swallowed

R 34: Causes burns

R 35: Cause severe burns

R 36: Irritating to eyes

R 50: Very toxic to aquatic organisms.