

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.07.2026

V 4 (replaces version 3)

Revision: 23.07.2026

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

1.1 Product identifier

Trade name: **Boley Schmuckreiniger 1:20**

Article number: 507281, 507280

UFI: 0H00-60WG-400M-TR0U

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

1.2.1 Relevant identified uses

Application of the substance / the mixture All purpose cleaner

1.2.2 Uses advised against Applications not listed above are not recommended as they are considered unidentified.

1.3 Details of the supplier of the safety data sheet

Manufacturer:

Gebr. Boley GmbH & Co. KG

Julius-Hölder-Str. 2

D - 70597 Stuttgart

Telefon: +49-(0) 711 132 71-0

Fax: +49-(0) 711 132 71-90

Informing department: Technical customer service

1.4 Emergency telephone number:

In case of "poisoning" of any kind

Giftnotruf Berlin (24 h - emergency call): Phone: +49 30 30686 790

Poison Information Centre (VIZ) of Gesundheit Österreich GmbH: Phone: +43 1 406 43 43

Belgium Poison Control Centre: +32 70 245 245

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

Decan-1-ol, ethoxylated

alcohols, C12-14, ethoxylated

alcohols, C9-11-iso-, C10-rich, ethoxylated

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear 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.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

The product does not contain any substance at 0.1% or more by weight that is considered persistent, bioaccumulative and toxic.

vPvB:

The product does not contain any substance at 0.1% or more by weight that is considered very persistent and very bioaccumulative.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of the substances listed below with harmless additions.

Dangerous components:

CAS: 26183-52-8	Decan-1-ol, ethoxylated	10-25%
Reg.nr.: Polymer	Eye Dam. 1, H318; Acute Tox. 4, H302	

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EC number: 931-838-3	alcohols, C12-14, ethoxylated	2.5-10%
Reg.nr.: Polymer	Eye Dam. 1, H318; Acute Tox. 4, H302; Aquatic Chronic 3, H412	
CAS: 78330-20-8	alcohols, C9-11-iso-, C10-rich, ethoxylated	0.3-2.5%
Reg.nr.: Polymer	Alternative CAS number: 61827-42-7	
	Eye Dam. 1, H318	
Ingredients due to Detergents Regulation 648/2044 EC:		
NON-IONIC SURFACTANTS		≥15 - <30%
ANIONIC SURFACTANTS		≥5 - <15%
PERFUMES		

SVHC

The product does not contain substances of very high concern (REACH Regulation (EC) No 1907/2006, Article 57) in concentrations of 0.1% or more.

Additional information

Products with EC-Limit-Values are named under section 8.

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

Personal protection for the First Aider.

Instantly remove any clothing soiled by the product.

After inhalation

Seek medical treatment in case of complaints.

Supply fresh air.

After skin contact Rinse with water and soap directly.

After eye contact Rinse opened eye for several minutes under running water. Then consult doctor.

After swallowing Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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 CO₂, extinguishing powder or water jet. Fight larger fires with water jet.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment: In case of fire harmful vapors may be produced. - Wear respiratory protective device.

Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Do not allow to enter the ground/soil.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable containers.

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Store in cool, dry place in tightly closed containers.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers: Store only in the original container.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from frost.

Protect from heat and direct sunlight.

Storage class 12

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Do not eat, drink or smoke while working.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Breathing equipment: Not required for good room ventilation and / or suitable extraction.

Hand protection

Protective gloves.

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

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

Material of gloves Safety Gloves of Nitril (EN 374)

Penetration time of glove material

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

Not suitable are gloves made of the following materials: Leather gloves

Eye/face protection Tightly sealed safety glasses.

Body protection: Protective work clothing.

* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Light yellow

Odour:

Characteristic

Odour threshold:

Not determined

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range 100 °C (7732-18-5 water)

Flammability

Not applicable

Lower and upper explosion limit

Lower:

Not determined

Upper:

Not determined

Flash point:

Not applicable

Decomposition temperature:

Not determined

pH at 20 °C

9-10

Viscosity:

Kinematic viscosity

Not determined

dynamic:

Not determined

Solubility

Water:

Fully miscible

Partition coefficient n-octanol/water (log value)

Not determined

Vapour pressure:

Not determined

Density and/or relative density

Density at 20 °C

1.03 g/cm³

Relative density

Not determined

Vapour density

Not determined

9.2 Other information

Appearance:

Form:

Fluid

Self-inflammability:

Product is not selfigniting.

Explosive properties:

Product is not explosive.

Change in condition

Evaporation rate

Not determined

Information with regard to physical hazard classes

Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

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10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if stored, handled and used as directed.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

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

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

LD/LC50 values that are relevant for classification:

26183-52-8 Decan-1-ol, ethoxylated

Oral	LD50	500-2,000 mg/kg 2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

alcohols, C12-14, ethoxylated

Oral	LD50	300-2,000 mg/kg (rat)
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78330-20-8 alcohols, C9-11-iso-, C10-rich, ethoxylated

Oral	LD50	>2,000 mg/kg (rat)
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Specific symptoms in biological assay:

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

Serious eye damage/irritation Causes serious eye damage.

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

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

26183-52-8 Decan-1-ol, ethoxylated

LC50/96 h	1-10 mg/l (fish)
EC50/48h	1-10 mg/l (Daphnia pulex / Wasserfloh)
EC50/72h	1-10 mg/l (algae)

alcohols, C12-14, ethoxylated

LC50/96 h	1-10 mg/l (fish)
EC50/48h	1-10 mg/l (Daphnia pulex / Wasserfloh)
EC50/72h	1-10 mg/l (algae)

78330-20-8 alcohols, C9-11-iso-, C10-rich, ethoxylated

NOEC (21 d)	>1 mg/l (Daphnia Magna)
LC50/96 h	>10 mg/l (fish)
EC50/48h	>10 mg/l (Daphnia Magna)
EC50/72h	10-100 mg/l (alga)
EC50/96h	>10 mg/l (Scenedesmus subspicatus)
EC10/16h	48 mg/l (activated sludge)

12.2 Persistence and degradability

The surfactants used meet the requirements of the Regulation (EC / No. 648/2004 Annex III (Detergents Regulation) on the complete biodegradability (mineralization) of surfactants.

26183-52-8 Decan-1-ol, ethoxylated

OECD 301 D (Closed-Bottle-Test)	>70 % (-)
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alcohols, C12-14, ethoxylated

OECD 301 D (Closed-Bottle-Test)	>60 % (-)
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78330-20-8 alcohols, C9-11-iso-, C10-rich, ethoxylated	
OECD 301 B	>60 % (-)
OECD 301F (Manometric Respirometry Test)	82 % / 28 days (-)
12.3 Bioaccumulative potential No further relevant information available.	
12.4 Mobility in soil No further relevant information available.	
12.5 Results of PBT and vPvB assessment	
PBT: Not applicable	
vPvB: Not applicable	
12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.	
12.7 Other adverse effects	
Behaviour in sewage processing plants:	
26183-52-8 Decan-1-ol, ethoxylated	
EC50/3h	>1 mg/l
Additional ecological information:	
CSB-value:	
26183-52-8 Decan-1-ol, ethoxylated	
CSB-Wert	2,224 mgO ₂ /g (-)
BSB5-value:	
26183-52-8 Decan-1-ol, ethoxylated	
BSB-Wert	869 mgO ₂ /g (-)

General notes:

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

The information on the new European waste catalog is essentially based on the use of the product. Here we can not make specific statements about the different fields of application of our products.

Uncleaned packagings:

Recommendation:

Packaging can be reused or recycled after cleaning.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Recommended cleaning agent: Clean with water

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

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

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

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Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

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alcohols, C12-14, ethoxylated
alcohols, C9-11-iso-, C10-rich, ethoxylated

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear 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.

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.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations

Decree to be applied in case of technical fault:

Class	Share in %
III	10-25

Suisse VOC-Content: >0.01-0.02 %

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

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

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Department issuing data specification sheet: Technical Customer Service / Regulatory Affairs

Contact:

Herr Lutz

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Date of previous version: 13.02.2025

Version number of previous version: 3

Abbreviations and acronyms:

Acute Tox. 4: Acute toxicity – Category 4

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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

* Data compared to the previous version altered.