

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

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

1.1 Product identifier

Trade name: calgoKnight microClean Bath

UFI: 6T11-H0G7-P000-H6S4

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

No further relevant information available.

Application of the substance / the mixture

Product is for professional use only.

Cleaning material/ Detergent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Manufacturer: Calvatis GmbH

Am Hafen 16

68526 Ladenburg, Germany

Phone: +49(0)6203 105-0, Fax: +49(0)6203 105-111

Homepage: www.calvatis.com

/

Supplier: Calvatis Bionics GmbH

Im Gewerbegebiet 22

83093 Bad Endorf

+49 8053 59817-0

info@calvatis.com

Informing department: Sicherheitsdatenblatt@calvatis.com

1.4 Emergency telephone number:

Berlin - Institut für Toxikologie - Klinische Toxikologie und Giftnotruf Berlin

Tel. (+49) 030 30686 700

E-Mail: mail@giftnotruf.de

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

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



GHS07

Signal word Warning

Hazard statements

H319 Causes serious eye irritation.

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.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

(Contd. on page 2)

EU

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

Trade name: calgoKnight microClean Bath
vPvB: Not applicable.

(Contd. of page 1)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Dangerous components:

CAS: 77-92-9 EINECS: 201-069-1 Index number: 607-750-00-3 Reg.nr.: 01-2119457026-42	2-Hydroxy-1,2,3-propanetricarboxylic acid Eye Irrit. 2, H319; STOT SE 3, H335	1 - < 5%
CAS: 68515-73-1 Polymer	alkyl glucoside Eye Dam. 1, H318 Specific concentration limit: Eye Dam. 1; H318: C ≥ 10 %	1 - < 3%

Classification in accordance with Directive 648/2004:

non-ionic surfactants, perfumes

<5%

Additional information 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 Instantly remove any clothing soiled by the product.

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact

The product is not skin irritating.

Rinse off with much water.

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

After swallowing Drink copious amounts of water and provide fresh air. Instantly call for doctor.

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

Use fire fighting measures that suit the environment.

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

Additional information Product is not combustible.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing.

6.2 Environmental precautions:

Do not allow product to reach sewage systems or water bodies in great quantities.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, universal binder). Do not use combustible material like sawdust.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

(Contd. on page 3)

EU

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

Trade name: calgoKnight microClean Bath

See Section 13 for information on disposal.

(Contd. of page 2)

SECTION 7: Handling and storage

7.1 Precautions for safe handling Avoid contact with the eyes

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

7.2 Conditions for safe storage, including any incompatibilities
Storage
Information about storage in one common storage facility: Special Storage of hazardous substances.

Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

Recommended storage temperature: store at room temperature.

Storage class VCI: LGK 12

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.

8.2 Exposure controls
Individual protection measures, such as personal protective equipment
General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes.

Remove soiled clothing.

Keep away from foodstuffs, beverages and food.

Breathing equipment: Not required.

Hand protection

Protective gloves recommended.

Chemical resistant protective gloves (EN 374).

Material of gloves

Chemical protection gloves of the category III in accordance with EN 374. Consider the data of the manufacturers at the permeability and break-through times as well as the special conditions on the job (mechanical load, contact duration)

Thickness: > 0.4 mm, Breakthrough time: > 480 min, Material: nitrile, butyl rubber

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

Eye/face protection Tightly sealed safety glasses (EN 166).

Body protection: Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Physical state
Colour:

Liquid
Cloudy
brownish

(Contd. on page 4)

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

Trade name: calgoKnight microClean Bath

(Contd. of page 3)

Odour:	light acidic
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
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	2
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/cm ³
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Self-inflammability:	Not determined.
Explosive properties:	Not determined.
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

(Contd. on page 5)

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

Trade name: calgoKnight microClean Bath

(Contd. of page 4)

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.

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

Serious eye damage/irritation Causes serious eye irritation.

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.

Additional toxicological information:

The toxicological evaluation of the preparation took place in accordance with computation methods after GefStoffV / CLP regulation.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

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

Additional ecological information:
COD-value: 76 g O₂/kg product

General notes:

The surfactant(s) contained in this preparation complies(comply) 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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must be specially treated with regard to official regulations.

European waste catalogue

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 03 00	other municipal wastes
20 03 99	municipal wastes not otherwise specified

(Contd. on page 6)

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

Trade name: calgoKnight microClean Bath

(Contd. of page 5)

Uncleaned packagings:

Contaminated packages must be completely emptied and may be reused after proper cleaning. Not cleanable packing disposal like the product.

Recommendation: Disposal must be made according to official regulations.

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.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR	
Transport category	-
UN "Model Regulation":	Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
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
Water hazard class (Germany): Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57

The product contains no substances from SVHC list.

(Contd. on page 7)

Safety data sheet

COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006, Article 31

Printing date 13.02.2025

Version number 3 (replaces version 2)

Revision: 13.02.2025

Trade name: calgoKnight microClean Bath
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

(Contd. of page 6)

SECTION 16: Other information

The above information is based on our present knowledge about the product. It does not guarantee specific product features.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Full text of R-phrases listed in chapters 2 and 3:

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation	Expert judgement
-------------------------------	------------------

Department issuing data specification sheet: Manufacturer

Reference to modifications:

Please take notice of the changes made in compare to the last version from 2 in the following sections: 1

Date of previous version: 13.02.2025

Version number of previous version: 2

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Sources KC-978811k

EU