

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.07.2019

Version number 4

Revision: 29.07.2019

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

1.1 Product identifier**Trade name:** *Mussana Microclean Powder***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.

Disinfectant and Cleaning agent

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Producer: Hans Kratt Maschinenfabrik GmbH

Mülheimer Straße 5

68219 Mannheim, Germany

Tel.: +49 (0) 621 89 99 160

Fax: +49 (0) 621 89 99 166

Manufacturer

Calvatis GmbH, 68526 Ladenburg, Germany

Dr.-Albert-Reimann-Str. 16 a

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Informing department:

Tel.: +49 (0) 621 89 99 160

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1.4 Emergency telephone number:

Berlin - Institut für Toxikologie - Klinische Toxikologie und Giftnotruf Berlin

Tel. (+49) 030 30686 700

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**

GHS07

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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.

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.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures Mixture of soda, phosphates, silicates, sulphates, surfactants and disinfectants.

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Dangerous components:		
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19	sodium carbonate ⚠ Eye Irrit. 2, H319	>30%
CAS: 68424-85-1 EINECS: 200-578-6 Reg.nr.: 01-2119965180-41	quaternary ammonium compound ⚠ Skin Corr. 1B, H314; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	< 1%
Classification in accordance with Directive 648/2004:		
non-ionic surfactants, anionic surfactants, disinfectants		<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 Remove soiled clothing.

After inhalation Seek medical treatment in case of complaints.

After skin contact

Wash with water and soap.

If skin irritation continues, consult a doctor.

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

After swallowing

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

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: Wear self-contained breathing apparatus.

Additional information Product is not combustible.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

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:

Collect mechanically.

Dispose of the material collected according to regulations.

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.

Prevent formation of dust.

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

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

The official regulations for storage of chemicals hazardous to water must be observed.

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Information about storage in one common storage facility: Special Storage of hazardous substances.**Further information about storage conditions:**

Store in cool, dry conditions in well sealed containers.

Keep container tightly sealed.

Store under dry conditions.

Storage class TRGS 510: LGK 13**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****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 and skin.

Keep away from foodstuffs, beverages and food.

Remove soiled clothing.

Breathing equipment:

In case of dust generation wear a dust mask.

Particle filter: P3

Protection of hands: 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.

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 protection: Tightly sealed safety glasses.**Body protection:** Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Appearance:****Form:**

Powder

Colour:

white

Odour:

slightly

like surfactant

Odour threshold:

Not determined

pH-value (10 g/l) at 20 °C:

10.9

Change in condition**Melting point/freezing point:**

Not determined

Initial boiling point and boiling range:

Not determined

Crystallisation temperature / range:

Not determined

Flash point:

Not applicable

Ignition temperature:

Not determined

Decomposition temperature:

Not determined

Self-inflammability:

Product is not selfigniting.

Critical values for explosion:**Oxidising properties**

no

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Density	Not applicable
Bulk weight	860 kg/m ³
Solubility in / Miscibility with Water at 20 °C:	>100 g/l
9.2 Other information	No further relevant information available.

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 and stored according to specifications.

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 toxicological effects**Acute toxicity** No data for the preparation available.**Primary irritant effect:****Skin corrosion/irritation** Generally not irritant.**Serious eye damage/irritation**

Causes serious eye irritation.

Respiratory or skin sensitisation 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 / European Union preparing guideline.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**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.

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.**Additional ecological information:****COD-value:** 80 g O₂/kg product**General notes:**

If product arrives untreatedly in waters, harmful effect on fish and water organisms possible (pH shift and QAV effect).

If diluted solutions are properly feeded into biological purification plants no decline of the degradation activity is expected.

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.

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation** Must be specially treated with regard to official regulations.**European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99	wastes not otherwise specified

Uncleaned packagings:

150110 packaging containing residues of hazardous substances or contaminated by hazardous substances.

Recommendation: Disposal must be made according to official regulations.**Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, 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 Transport in bulk according to Annex II of Marpol and the IBC Code	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
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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

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

National regulations**Water hazard class (Germany):** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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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.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

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

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

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Department issuing data specification sheet: Laboratory**Reference to modifications:**

Please take notice of the changes made in compare to the last version from 3 in the following sections: 13

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord européen sur le transport 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

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Sources KC-475957f

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