

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

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

1.1. Product identifier

Trade name

Oldomat Pulver

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

Use of the substance/mixture

Cleaning material/ Detergent

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

BÜFA Cleaning GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-Mail sds-cleaning@buefa.de

1.4. Emergency telephone number

Poison Information Center Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

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

Skin Corr. 1B H314

Eye Dam. 1 H318

STOT SE 3 H335

Aquatic Chronic 3 H412

*
*
*

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008**Hazard pictograms****Signal word**

Danger

Hazard statements ***

H314

Causes severe skin burns and eye damage.

H335

May cause respiratory irritation.

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements ***

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P280.2 Wear protective gloves/ eye/ face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 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 or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** disodium metasilicate; troclosene sodium, dihydrate

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******disodium metasilicate**

CAS No. 10213-79-3
 Registration no. 01-2119449811-37-XXXX
 Concentration \geq 57 %
 Skin Corr. 1B H314
 STOT SE 3 H335
 Met. Corr. 1 H290
 Eye Dam. 1 H318

ATE oral 1.152 mg/kg

troclosene sodium, dihydrate

CAS No. 51580-86-0
 EINECS no. 220-767-7
 Concentration \geq 1 < 2,5 %
 Acute Tox. 4 H302
 Eye Irrit. 2 H319
 STOT SE 3 H335
 Aquatic Acute 1 H400
 Aquatic Chronic 1 H410

ATE oral 1.400 mg/kg

ATE dermal 2 mg/kg

Alcohols, C13-15-branched and linear, butoxylated ethoxylated

CAS No. 111905-53-4
 EINECS no. 601-137-4
 Registration no. IRRELEVANT (POLYMER)
 Concentration \geq 1 < 3,1 %
 Acute Tox. 4 H302
 Eye Irrit. 2 H319
 Aquatic Chronic 3 H412

cATpE oral 500 mg/kg

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

There is no further relevant information available

4.3. Indication of any immediate medical attention and special treatment needed

There is no further relevant information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder, Water spray jet, Foam

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Fire residues must be disposed of in a proper manner.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol. Use personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid dust formation. Provide exhaust ventilation if dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide alkali-resistant floor.

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

Do not store together with: Acids, Aluminium
Keep container tightly closed, cool and dry.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values**

List

There is not known any national exposure limit.

8.2. Exposure controls**General protective and hygiene measures**

Observe the usual precautions for handling chemicals. The following information on personal protective equipment (PPE) is to be understood as a suggestion. The selection of the necessary PPE must be considered by the employer depending on the activities to be carried out and the local conditions. If it is determined during the on-site risk assessment that there is no danger to the employee, there is no need to wear PPE or the scope of the PPE to be used can be adjusted accordingly.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Short term: filter apparatus, combination filter B-P3

Hand protection

Chemical resistant gloves

| | | | |
|----------------------|---------|------|-----|
| Appropriate Material | nitrile | | |
| Material thickness | > | 0,35 | mm |
| Breakthrough time | > | 480 | min |

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | | | |
|-----------------------------|--------------------|-----|----|
| Physical state | Powder | | |
| Colour | white | | |
| Odour | Chlorine | | |
| Melting point | | | |
| Remarks | not determined | | |
| Boiling point | | | |
| Remarks | not determined | | |
| Flammability | | | |
| evaluation | not determined | | |
| Explosion limits | | | |
| Remarks | irrelevant (solid) | | |
| Flash point | | | |
| Value | > | 100 | °C |
| Ignition temperature | | | |

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

| | | | |
|--|--------------------|------|-------------------|
| Remarks | irrelevant (solid) | | |
| Thermal decomposition | | | |
| Remarks | Not relevant | | |
| pH value | | | |
| Value | appr. | 12,0 | |
| Concentration/H ₂ O | | 1 | % |
| Solubility in other solvents | not determined | | |
| Octanol/water partition coefficient (log Pow) | | | |
| Remarks | Not relevant | | |
| Vapour pressure | | | |
| Remarks | not determined | | |
| Vapour density | | | |
| Remarks | irrelevant (solid) | | |
| Particle characteristics | | | |
| Remarks | not determined | | |
| 9.2. Other information | | | |
| Odour threshold | | | |
| Remarks | No data available | | |
| Solubility in water | | | |
| Remarks | miscible | | |
| Bulk density | | | |
| Bulk density | appr. | 900 | kg/m ³ |

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect against wetness.

Thermal decomposition

Remarks Not relevant

10.5. Incompatible materials

No hazardous reactions when stored and handled according to prescribed instructions.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE 1.414 mg/kg
 Method calculated value (Regulation (EC) No. 1272/2008)
 Based on available data, the classification criteria are not met.

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

Acute oral toxicity (Components)**troclosene sodium, dihydrate****disodium metasilicate**

| | | | | |
|---------------------|-----------------------|----|------|-------|
| Reference substance | disodium metasilicate | | | |
| Species | rat | | | |
| LD50 | 1152 | to | 1349 | mg/kg |

Acute dermal toxicity

| | | |
|---|--|-------|
| ATE | 118 | mg/kg |
| Method | calculated value (Regulation (EC) No. 1272/2008) | |
| Based on available data, the classification criteria are not met. | | |

Acute dermal toxicity (Components)**troclosene sodium, dihydrate****disodium metasilicate**

| | | | | |
|---------------------|-----------------------|------|--|-------|
| Reference substance | disodium metasilicate | | | |
| Species | rat | | | |
| LD50 | > | 5000 | | mg/kg |

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)**troclosene sodium, dihydrate****disodium metasilicate**

| | | | | |
|---------------------|-----------------------|------|--|-------------------|
| Reference substance | disodium metasilicate | | | |
| Species | rat | | | |
| LC50 | > | 2,06 | | g/cm ³ |

Skin corrosion/irritation

evaluation corrosive
The classification criteria are met.

Serious eye damage/irritation

evaluation corrosive
The classification criteria are met.

Sensitization

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

Sensitization (Components)

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)**Single exposure**

The classification criteria are met.
evaluation May cause respiratory irritation.

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

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity****troclosene sodium, dihydrate**

| | | | |
|----------------------|--|---|--------|
| Species | rainbow trout (<i>Oncorhynchus mykiss</i>) | | |
| LC50 | 0,37 | | ppm(V) |
| Duration of exposure | 96 | h | |

disodium metasilicate

| | | | |
|----------------------|---|---|------|
| Reference substance | disodium metasilicate | | |
| Species | zebra fish (<i>Brachydanio rerio</i>) | | |
| LC50 | 210 | | mg/l |
| Duration of exposure | 96 | h | |

Daphnia toxicity**disodium metasilicate**

| | | | |
|----------------------|-----------------------|---|------|
| Reference substance | disodium metasilicate | | |
| Species | Daphnia magna | | |
| EC50 | 1700 | | mg/l |
| Duration of exposure | 48 | h | |

Algae toxicity**disodium metasilicate**

| | | | |
|----------------------|-------------------------|---|------|
| Reference substance | disodium metasilicate | | |
| Species | Scenedesmus subspicatus | | |
| EC50 | 207 | | mg/l |
| Duration of exposure | 72 | h | |

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow)

| | |
|---------|--------------|
| Remarks | Not relevant |
|---------|--------------|

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances. The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

After neutralization a reduction in harmful effect can be observed.

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

SECTION 13: Disposal considerations

13.1. Waste treatment methods



Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee |
|---|---|--|
| 14.1. UN number | 1759 | 1759 |
| 14.2. UN proper shipping name | CORROSIVE SOLID, N.O.S. (disodium metasilicate) | CORROSIVE SOLID, N.O.S. (disodium metasilicate) |
| 14.3. Transport hazard class(es) | 8 | 8 |
| 14.4. Packing group | II | II |
| Label |  |  |
| 14.5. Environmental hazards | - | - |
| Limited Quantity | 1 kg | 1 kg |
| Transport category | 2 | |
| Tunnel restriction code | E | |
| Hazard id. no. | 80 | |
| EmS | | F-A, S-B |

Information for all modes of transport

14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information ***

15.1. Safety, health and environmental regulations/legislation specific for the substance or

* Oldomat Pulver

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

mixture**Ingredients (Regulation (EC) No 648/2004)****15 % or over but less than 30 %:**

phosphates

less than 5 %: ***

chlorine-based bleaching agents, non-ionic surfactants

VOC

VOC (EU) 0 %

Other information ***

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

The HSNO Approval Number for this Group Standard is HSR002526.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

| | | |
|-------------------|------|--------------------|
| Skin Corr. 1B | H314 | Calculation method |
| Eye Dam. 1 | H318 | Calculation method |
| STOT SE 3 | H335 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

Hazard statements listed in Chapter 2/3

| | |
|------|---|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

CLP categories listed in Chapter 2/3

| | |
|-------------------|--|
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | Eye irritation, Category 2 |
| Met. Corr. 1 | Substance or mixture corrosive to metals, Category 1 |
| Skin Corr. 1B | Skin corrosion, Category 1B |
| STOT SE 3 | Specific target organ toxicity - single exposure, Category 3 |

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic
 vPvB: Very persistent and very bioaccumulative
 ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
 GGVSee: Gefahrgutverordnung See
 IMDG: International Maritime Code for Dangerous Goods
 CAS: Chemical Abstracts Service
 EAK: Europäischer Abfallkatalog
 EINECS: European Inventory of Existing Commercial Chemical Substances
 VOC: Volatile Organic Compound

*** Oldomat Pulver**

Date revised: 11.05.2023

8760012711

Version: 7 / GB

Master No. MA-202

Print date: 17.04.2024

GefStoffV: Gefahrstoffverordnung

TA Luft: Technische Anleitung zur Reinhaltung der Luft

INCI: International Nomenclature of Cosmetic Ingredients

n.a.g.: nicht anders genannt

MAK: Maximale Arbeitsplatz-Konzentration

AGW: Arbeitsplatzgrenzwert

BGW: Biologischer Grenzwert

TRGS: Technische Regeln für Gefahrstoffe

OEL: Occupational exposure limit

SUVA: Schweizerische Unfallversicherungsanstalt

WEL: Workplace exposure limit

MAC: Maximale aanvaarde concentratie (Netherlands)

MEL: Maximum exposure limits

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

LLC: Lowest lethal concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

SVHC: Substances of very high concern

DNEL: Derived no effect level

DMEL: Derived minimal effect level

PNEC: Predicted no effect concentration

PEC: Predicted environmental concentration

GHS: Globally Harmonized System of classification and Labelling of Chemicals

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

UN: United Nations

EG: Europäische Gemeinschaft

EWG: Europäische Wirtschaftsgemeinschaft

EU: European Union

HSNO: Hazardous Substances and New Organisms Act (New Zealand)

ATE: Acute Toxicity Estimate

STOT: Specific Target Organ Toxicity

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.