

Trade name: Powder Star

Product no.: 227999

Current version : 1.0.0, issued: 21.12.2020

Replaced version: -, issued: -

Region: GB

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

1.1 Product identifier

Trade name

Powder Star

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

Relevant identified uses of the substance or mixture

vehicle cleansing

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318

Skin Irrit. 2; H315

STOT SE 3; H335

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS05



GHS07

Signal word

Danger

Hazardous component(s) to be indicated on label:

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Alcohols, C12-14, ethoxylated**Hazard statement(s)**H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.**Precautionary statement(s)**P261 Avoid breathing dust.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
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**

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

| No | Substance name | Additional information | |
|----|---|---|------------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration % |
| 1 | sodium carbonate | | |
| | 497-19-8 207-838-8 011-005-00-2 01-2119485498-19 | Eye Irrit. 2; H319 | >= 50.00 - < 70.00 wt% |
| 2 | sodium sulphate | | |
| | 7757-82-6 231-820-9 - 01-2119519226-43 | Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 | >= 25.00 - < 50.00 wt% |
| 3 | Alcohols, C12-14, ethoxylated | | |
| | 68439-50-9 - - - | Aquatic Chronic 3; H412 Acute Tox. 4; H302 Eye Dam. 1; H318 | >= 5.00 - < 10.00 wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures**4.1 Description of first aid measures**

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General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off immediately with copious amounts of water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically. When collected, handle material as described under the section heading "Disposal considerations". Avoid raising dust.

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

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7.1 Precautions for safe handling**Advice on safe handling**

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale dust. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Provide eye wash fountain in work area.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

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

| No | Substance name | CAS no. | EC no. |
|---|---|--------------------------|-------------------|
| 1 | Dust | | |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| | Dust respirable | | |
| | WEL long-term (8-hr TWA reference period) | 4 | mg/m ³ |
| | Comments | see Definition 44 "Dust" | |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| | Dust inhalable | | |
| | WEL long-term (8-hr TWA reference period) | 10 | mg/m ³ |
| | Comments | see Definition 44 "Dust" | |

DNEL, DMEL and PNEC values**DNEL values (worker)**

| No | Substance name | | | CAS / EC no |
|----|-------------------|---------------------|----------|------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | sodium carbonate | | | 497-19-8 207-838-8 |
| | inhalative | Long term (chronic) | local | 10 mg/m ³ |
| 2 | sodium sulphate | | | 7757-82-6 231-820-9 |
| | inhalative | Long term (chronic) | systemic | 20 mg/m ³ |
| | inhalative | Long term (chronic) | local | 20 mg/m ³ |

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|-------------------|---------------|--------|-----------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | sodium carbonate | | | 497-19-8 207-838-8 |

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| | | | | | |
|---|------------------------|---------------------|----------|------------------|-------------------|
| | inhalative | Short term (acut) | local | 10 | mg/m ³ |
| 2 | sodium sulphate | | | 7757-82-6 | |
| | | | | 231-820-9 | |
| | inhalative | Long term (chronic) | systemic | 12 | mg/m ³ |
| | inhalative | Long term (chronic) | local | 12 | mg/m ³ |

PNEC values

| No | Substance name | | CAS / EC no |
|----|------------------------|-----------------------|--------------------------------------|
| | ecological compartment | Type | Value |
| 1 | sodium sulphate | | 7757-82-6 231-820-9 |
| | water | fresh water | 11.09 mg/L |
| | water | marine water | 1.109 mg/L |
| | water | Aqua intermittent | 17.66 mg/L |
| | water | fresh water sediment | 40.2 mg/kg dry weight |
| | water | marine water sediment | 4.02 mg/kg dry weight |
| | soil | - | 1.54 mg/kg dry weight |
| | sewage treatment plant | - | 800 mg/L |

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified. Respirator with particulate filter

Respirator P2

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

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

| |
|-----------------------------|
| State of aggregation |
| solid |
| Form/Colour |
| solid |
| white |

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| | | | |
|--|---|-----|-------------------|
| Odour | | | |
| fruity | | | |
| pH value | | | |
| No data available | | | |
| Boiling point / boiling range | | | |
| No data available | | | |
| Melting point/freezing point | | | |
| No data available | | | |
| Decomposition temperature | | | |
| No data available | | | |
| Flash point | | | |
| No data available | | | |
| Ignition temperature | | | |
| No data available | | | |
| Flammability | | | |
| No data available | | | |
| Lower explosion limit | | | |
| No data available | | | |
| Upper explosion limit | | | |
| No data available | | | |
| Vapour pressure | | | |
| No data available | | | |
| Relative vapour density | | | |
| No data available | | | |
| Relative density | | | |
| No data available | | | |
| Density | | | |
| Value | ~ | 0.8 | g/cm ³ |
| Reference temperature | | 20 | °C |
| Solubility | | | |
| No data available | | | |
| Partition coefficient n-octanol/water (log value) | | | |
| No data available | | | |
| Viscosity | | | |
| No data available | | | |
| Particle characteristics | | | |
| No data available | | | |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

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Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| Acute oral toxicity (result of the ATE calculation for the mixture) | |
|---|---|
| No | Product Name |
| 1 | Powder Star |
| Comments | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg). |

| Acute oral toxicity | | | |
|---------------------|------------------|----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | sodium carbonate | 497-19-8 | 207-838-8 |
| LD50 | | 2800 | mg/kg bodyweight |
| Species | rat | | |
| Source | ECHA | | |

| Acute dermal toxicity | | | |
|-----------------------|--------------------|----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | sodium carbonate | 497-19-8 | 207-838-8 |
| LD50 | > | 2000 | mg/kg bodyweight |
| Species | rabbit | | |
| Method | EPA 16 CFR 1500.40 | | |
| Source | ECHA | | |

| Acute inhalational toxicity | |
|-----------------------------|--|
| No data available | |

| Skin corrosion/irritation | | | |
|---------------------------|------------------|----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | sodium carbonate | 497-19-8 | 207-838-8 |
| Species | rabbit | | |
| Method | OECD 404 | | |
| Source | ECHA | | |
| Evaluation | non-irritant | | |

| Serious eye damage/irritation | | | |
|-------------------------------|------------------|----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | sodium carbonate | 497-19-8 | 207-838-8 |
| Species | rabbit | | |
| Source | ECHA | | |
| Evaluation | irritant | | |

| Respiratory or skin sensitisation | |
|-----------------------------------|--|
| No data available | |

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Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

No data available.

SECTION 12: Ecological information**12.1 Toxicity****Toxicity to fish (acute)**

| No | Substance name | CAS no. | EC no. |
|----------------------|---------------------|----------|-----------|
| 1 | sodium carbonate | 497-19-8 | 207-838-8 |
| LC50 | | 300 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Lepomis macrochirus | | |
| Source | ECHA | | |

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

| No | Substance name | CAS no. | EC no. |
|----------------------|-------------------|----------|-----------|
| 1 | sodium carbonate | 497-19-8 | 207-838-8 |
| EC50 | | 200 | - 227 |
| Duration of exposure | | | 48 |
| Species | Ceriodaphnia spec | | mg/l |
| Source | ECHA | | h |

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

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No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment | |
|------------------------------------|--|
| PBT assessment | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT. |
| vPvB assessment | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB. |

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.7 Other information

| Other information |
|--|
| Do not discharge product unmonitored into the environment. |

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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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 mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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