

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 04.03.2022

Version number 7

Revision: 04.03.2022

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

- **1.1 Product identifier**
- **Trade name:** Abraso-Starglanz asg
- **Article number:** 520 0016 3
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** -
- **Application of the substance / the mixture:** High Lustre Polishing Paste
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 bredent GmbH & Co.KG  
 Weißenhorner Straße 2  
 89250 Senden  
 Tel: +49 (0) 7309/872-0  
 Fax: +49 (0) 7309/872-24
- **Further information obtainable from:**  
 R & D  
 e-mail: R.D@bredent.com
- **1.4 Emergency telephone number:** (001) 352 323 3500

### SECTION 2: Hazards identification

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



flame

Flam. Sol. 1 H228 Flammable solid.



health hazard

STOT RE 2 H373 May cause damage to the central nervous system through prolonged or repeated exposure.

- **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** GHS02, GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
 Naphtha (petroleum), hydrodesulfurized heavy
- **Hazard statements**  
 H228 Flammable solid.  
 H373 May cause damage to the central nervous system through prolonged or repeated exposure.
- **Precautionary statements**  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P240 Ground and bond container and receiving equipment.  
 P241 Use explosion-proof [electrical/ventilating/lighting] equipment.  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
 P314 Get medical advice/attention if you feel unwell.  
 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.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterisation: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 64742-47-8 EINECS: 265-149-8	Distillates (petroleum), hydrotreated light Flam. Liq. 3, H226 Asp. Tox. 1, H304	25-50%
EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light Asp. Tox. 1, H304 Aquatic Chronic 2, H411	2.5-10%
CAS: 1336-21-6 EINECS: 215-647-6	ammonia 25 % Skin Corr. 1B, H314 Aquatic Acute 1, H400	1-5%

**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

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

If skin irritation continues, consult a doctor.

Immediately rinse with water.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** Rinse out mouth and then drink plenty of water.

**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:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### 5.2 Special hazards arising from the substance or mixture

Under certain fire conditions, traces of other toxic gases cannot be excluded.

#### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained 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

Particular danger of slipping on leaked/spilled product.

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective equipment. Keep unprotected persons away.

#### 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### · 7.1 Precautions for safe handling

Use only in well ventilated areas.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of dust.

#### · Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

#### · 7.2 Conditions for safe storage, including any incompatibilities

##### · Storage:

- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- Information about storage in one common storage facility: Store away from oxidising agents.
- Further information about storage conditions: Store receptacle in a well ventilated area.
- 7.3 Specific end use(s) No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

- Additional information about design of technical facilities: No further data; see item 7.

#### · Ingredients with limit values that require monitoring at the workplace:

**1344-28-1 aluminium oxide (25-50%)**

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*inhalable dust \*\*respirable dust

- Additional information: The lists valid during the making were used as basis.

#### · 8.2 Exposure controls

##### · Personal protective equipment:

##### · General protective and hygienic measures:

Use skin protection cream for skin protection.  
The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.

##### · Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

##### · Protection of hands:



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

##### · Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

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.

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**· Penetration time of glove material**

The penetration time has to be at least 120 minutes (Permeation according to EN 374 Part 3: Level 4).  
(based on the main component(s) listed in Section 3.2)

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

**· Eye protection:** Not required.**· Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:****Form:** Pasty**Colour:** Blue**· Odour:** Characteristic**· Odour threshold:** Not determined.**· pH-value:** 9-10**· Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** Undetermined.**· Flash point:** >70 °C**· Flammability (solid, gas):** Not determined.**· Ignition temperature:** 210 °C**· Decomposition temperature:** Not determined.**· Auto-ignition temperature:** Product is not selfigniting.**· Explosive properties:** Not determined.**· Explosion limits:****Lower:** 0.5 Vol %**Upper:** 6.5 Vol %**· Vapour pressure at 20 °C:** 2 hPa**· Density at 20 °C:** 1.17 g/cm<sup>3</sup>**· Relative density** Not determined.**· Vapour density** Not applicable.**· Evaporation rate** Not applicable.**· Solubility in / Miscibility with water:**

Partly soluble.

**· Partition coefficient: n-octanol/water:** Not determined.**· Viscosity:****Dynamic:** Not determined.**Kinematic:** Not applicable.**· Solvent content:****Organic solvents:** 10.0 %**VOC (EC)** 0.00 %**Solids content:** 55.0 %**· 9.2 Other information**

No further relevant information available.

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### 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.
- **10.3 Possibility of hazardous reactions** Reacts with oxidising agents.
- **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** 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** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **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**  
May cause damage to the central nervous system through prolonged or repeated exposure.
- **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** biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **According to the formulation contains the following heavy metals and compounds from the EU guideline NO. 2006/11/EC:**  
Ammonia  
Distillates (petroleum), hydrotreated light  
Naphtha (petroleum), hydrotreated light
- **General notes:**  
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into the ground.  
Harmful to aquatic organisms
- **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 adhering to official regulations.

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

##### · Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

#### · 14.1 UN-Number

· ADR, IMDG, IATA

UN1325

#### · 14.2 UN proper shipping name

· ADR

1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (Distillates (petroleum), hydrotreated light), ENVIRONMENTALLY HAZARDOUS

· IMDG, IATA

FLAMMABLE SOLID, ORGANIC, N.O.S. (Distillates (petroleum), hydrotreated light)

#### · 14.3 Transport hazard class(es)

· ADR, IMDG, IATA



· Class

4.1 Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives

· Label

4.1

#### · 14.4 Packing group

· ADR, IMDG, IATA

II

#### · 14.5 Environmental hazards:

· Marine pollutant:

No

#### · 14.6 Special precautions for user

Warning: Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives

· Hazard identification number (Kemler code):

40

· EMS Number:

F-A,S-G

· Segregation groups

Alkalies

· Stowage Category

B

#### · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

#### · Transport/Additional information:

· ADR

· Limited quantities (LQ)

1 kg

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

· Transport category

2

· Tunnel restriction code

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· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1 kg
· <b>Excepted quantities (EQ)</b>	Code: E2
	Maximum net quantity per inner packaging: 30 g
	Maximum net quantity per outer packaging: 500 g
· <b>UN "Model Regulation":</b>	UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (DISTILLATES (PETROLEUM), HYDROTREATED LIGHT), 4.1, II, ENVIRONMENTALLY HAZARDOUS

### 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** GHS02, GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Naphtha (petroleum), hydrosulfurized heavy
- **Hazard statements**  
H228 Flammable solid.  
H373 May cause damage to the central nervous system through prolonged or repeated exposure.
- **Precautionary statements**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P314 Get medical advice/attention if you feel unwell.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.
- **Department issuing SDS:** R & D
- **Contact:** R & D
- **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)  
ICAO: International Civil Aviation Organisation  
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)

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*VOC: Volatile Organic Compounds (USA, EU)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Flam. Sol. 1: Flammable solids – Category 1*

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

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

*Asp. Tox. 1: Aspiration hazard – Category 1*

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

*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*

**\* Data compared to the previous version altered.**

*Due to new legal changes the material safety data sheet has completely been revised.*

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