

# MATERIAL SAFETY DATA SHEET

## According to (EC) No 1907/2006

### 2102 metal polish

#### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY

Trade name: **2102 metal polish**  
General chemical description: mixture of water, fatty acids, emulsifiers, hydrocarbon, polishing minerals (Al<sub>2</sub>O<sub>3</sub>)  
Usage: polishing compound for metal surfaces  
Company identification:

Emergency phone:

#### 2. Hazards identification

Information pertaining to particular dangers for man and environment

Symbols of danger: Not subject to the regulation  
R-phrases: none  
S-phrases: none

#### 3. Composition/ information on ingredients:

chemical description: mixture of water, fatty acids, emulsifiers, abrasive polishing minerals (Al<sub>2</sub>O<sub>3</sub>), hydrogenated hydrocarbons  
hydrogenated hydrocarbon  
CAS 64742-47-8 EINECS 265-149-8 content [%] 20-25% R-Sätze Xn R65,  
ammonia solution  
CAS 1336-21-6 EINECS 215-647-6 content [%] < 5% R-Sätze C,N R34 R50  
Fatty acid  
CAS 67701-08-0 EINECS 266 932 7 -  
Aluminumoxide  
CAS 1344-28-1 EINECS 215-691-6  
VOC 0%  
The composition does not contain VOC  
All ingredients are listed in TSCA/ TOSCA and DSL inventory list

#### 4. FIRST AID MEASURES:

Eye Contact: Wash with plenty of water or eyewash solution and seek medical advice.  
Skin Contact: Wash with soap and water. Seek medical advice when red irritation of skin visible.  
Inhalation: Remove from dusty atmosphere, go into fresh air, normally no further treatment required.

#### 5. FIRE-FIGHTING MEASURES:

Extinguishing media: Foam, carbon dioxide, water mist, dry powder - no restriction.  
Environmental hazards: In the event of fire the following can be released: CO, CO<sub>2</sub>, NO<sub>x</sub>.  
Particular hazards: Use adequate aspiration devices. Do not allow contaminated water into drains / groundwater.  
Personal Protection: Wear suitable protective cloths, eye protection and self-contained breathing apparatus.

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### 6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Ensure adequate exhaust ventilation. Slippery on floor when spilled.  
Environmental precautions: Do not discharge into drains/ surface waters/ groundwater.  
Methodes for cleaning up/taking up: Take up mechanically, send in suitable containers for recovery or disposal.

### 7. HANDLING AND STORAGE

Local exhaust ventilation is strongly recommended when used for normal polishing operation. a dust mask may be adequate for smaller quantities and/or intermittent use. Also refer to 8. Exposure Controls / Personal Protection.  
Store in a cool dry place (<5° >40°C) away from foodstuffs.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Exposure limits/ Refer to „7. Handling and Storage“ and „15. Regulatory information“. If dust levels are likely to exceed the OES, a dust mask should be worn complying with BSEN49 „Specification for filtering half masks to protect against particles“.  
Respiratory protection:  
Eye protection: Goggles should be worn if necessary. Avoid contact with eyes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

|                       |                           |                       |         |
|-----------------------|---------------------------|-----------------------|---------|
| Form:                 | viscous                   | Colour:               | blue    |
| Odour:                | characteristic            | Vapour Pressure       | n.a.    |
| Melting Point:        | n.a.                      | pH-value:             | 7 - 8   |
| Boiling Point:        | ~ 110°C                   | Flammability:         | n.a.    |
| Explosive Properties: | none                      | Oxidising Properties: | none    |
| Relative Density:     | approx. 1,2 g/cm³ at 20°C | Solubility in water:  | soluble |
| Freezing Point:       | approx. 0°C               |                       |         |

### 10. STABILITY AND REACTIVITY

Stable under normal conditions. Hazardous decomposition products: CO, CO<sub>2</sub>, No<sub>x</sub>. Contact with acids to be avoided.

### 11. TOXICOLOGICAL INFORMATION

Generally regarded as a non-toxic substance based on experience of long term exposure.  
Cronical toxicology: Not known.  
Oral toxicology: Depending on the quantity sickness or diarrhoe can occur when ingested.  
Inhalation: The inhalation of steam can be harmful due to thermo decomposition.  
Primary irritation:  
Skin: Not listed as irritational product although permanent contact should be avoided.  
Eyes: In case of eye contact after first aid measures red eyes or burning eyes can occur.  
Sensitization: The product is not classified as sensitizing.

### 12. ECOLOGICAL INFORMATION

The product is biodegradable and insoluble in water. Nevertheless do not allow to enter soil, waterways or waste water.

### 13. DISPOSAL CONSIDERATIONS

In accordance with national and local regulations special waste must be taken to an authorised waste incineration plant.

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Disposal code according to EAK / EWC: 120115. All packing material must be fully discharged and can be recycled after cleaning.

Spoiled packing must be disposed like the product itself.

### 14. TRANSPORT INFORMATION

ADR / UN No.: The product does not constitute a hazardous substance in national/international road, rail, sea and air transport.

IMDG / IATA: Not classified as dangerous goods.

The composition does not contain VOC

### 15. REGULATORY INFORMATION:

The product does not require a hazard warning label in accordance with the EC directives/German regulations on dangerous substances.

The product is not listed as burning liquid

### 16. OTHER INFORMATIONES:

S-sentences

S 25 / 25

Avoid eye and skin contact.

S 36 / 37

Use proper gloves during operation and handling.

S 2

Keep away from children

R-sentences

R 66

May cause rough or chapped skin during

permanent contact.

These data are based on our present knowledge.

However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid relationship.

This material safety data sheet is valid until further information from the supplier .