

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product ALLSHINE polishing paste

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

Use, scope: (metal) surface treatment (cleaning, polishing).

Use: It is used polishing paste and care for stainless steel

Restrictions on use No restrictions known.

1.3 Details of the supplier of the Safety data sheet

Producer	Stuckmann Chemie GmbH, Watermanns-Weg 74-76 D44866 Bochum; tel.:(0049)(0)2327-81101
Supplier	Kovinoplastika Lož, d.d., Cesta 19.oktobra 57, 1386 Stari trg pri Ložu Tel.: (00386)1 70 95 497, e-mail: helena.granda@kovinoplastika.si

1.4. Emergency telephone number

Phone In case of health hazard, consult a private or a doctor on duty. For additional information please call phone number 112.

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (EU 1999/45)

This product is not hazardous to health and environment according to EC criteria.
(Slight amounts of the contained hydrocarbons may cause chemical pneumonitis or asphyxiation, if swallowed. In fact of the products high viscosity this risk is low and does not lead to classification/labelling as dangerous.)

2.2. Label elements

Labelling (EU 1999/45)

2.3. Other hazards

No data available

3. Composition/information on ingredients

3.2. Mixtures

Chemical composition: Polishing paste

Preparation for (metal) surface treatment (metal polishing); *product contains*

- alumina for polishing (aluminium oxide),
- 15 – 30 % aliphatic + cycloaliphatic hydrocarbons (\varnothing C₁₁ – C₁₃),
- 5 – 15 % salts of fatty acids (soaps),
- < 5 % nonionic surfactant (fatty alcohols, ethoxylated).

4. First aid measures

4.1. Description of first aid measures

In case of excessive inhalation: If there are any symptoms transfer the victim to clean air.

In case of contact with skin: Remove contaminated clothing. Wash skin with soap and water. Do not use organic solvents or thinners.

In case of contact with eyes: With clean fingers space the eyelids and direct water in the eyes (with moderate and lukewarm water jet) and rotate the eyes so that water reaches all parts of the eye. In case of eye or tearing seek medical help.

In case of ingestion: Do not eat. Rinse mouth with water. Do not induce vomiting.

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

In case of excessive inhalation: No data.

In case of contact with skin: No data.

In case of contact with eyes: Slight inflammation of the eye, including the signs: painful burning and stinging, tearing, and may also be pain. Conjunctivitis may appear.

In case of ingestion: None data known.

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

No data available

5. Firefighting measures

5.1. Extinguishing media

Fire Extinguishing Media: Due to non-flammable properties of the product does not require special treatment. The product is not flammable. Close vessels with the product.

Unsuitable extinguishing media: Open water jet

5.2. Special hazards arising from the substance or mixture

Specific methods of extinguishing fire: Not necessary.

5.3. Advice for firefighters

Special equipment to protect firefighters: There are no special features.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Spills may cause very slippery surfaces. Ensure ventilation and keep away any source of ignition.

6.2. Environmental precautions

Environmental precautions: Contain liquid and keep water away to prevent contamination of soil, surface water or ground water by product and its solutions

6.3. Methods and material for containment and cleaning up

Methods of cleaning up: Spills should be contained by, and covered with large quantities of sand, earth or any other readily available absorbent material which is then brushed in vigorously to assist absorption. Collect in suitable and properly labelled containers. Dispose of according to applicable regulations, see Section 13.

7. Handling and storage

Handling: Ensure adequate ventilation. Avoid heating of the product or its containers. (Heating may cause emission of flammable vapours. Vapours may form explosive mixtures with air. Keep away from hot surfaces)

Storage: Store containers tightly closed in dry conditions. Keep away from oxidizing agents.

Materials for packaging: Keep in original packaging

8. Exposure controls/personal protection

Exposure Guidelines: RCP aliphatic dearom. solvents (hydrocarbons C₉-C₁₅):

TWA (UK-SIA – 8h) = 1.000 mg/m³ / AGW (Germany) = 600 mg/m³.

(Normal use at room temperature and with normal ventilation does not produce vapours in quantities that meet threshold values.

Engineering Controls: Avoid heating of the product. Ventilation: Good general ventilation should be sufficient for most conditions.

Personal Protective Equipment

- General: Remove contaminated clothing.
- Respiratory Protection: In case of insufficient ventilation or elevated temperatures: Mask with filter.
- Hand Protection: When prolonged or frequently repeated contact could occur, protective clothing and gloves chemically resistant to this material are recommended.
- Eye/Face Protection: Chemical goggles (when splashing is possible).
- Skin Protection: No precautions other than body-covering clothing should be needed.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	: paste/cream, opaque
Colour	: yellow-brown
Odour	: weak (hydrocarbons)
Freezing point/range	: n.a.
Boiling point/range	: beginning at about 180°C.
Vapour pressure	: << 1 hPa
Density	: no data
pH	: 9 - 10 (10 % emulsion in water, 20°C)
Water solubility	: partly soluble / emulsifiable (about 700 g/l)
LogP (octanol/water)	: no data
Flash point	: 63°C *)
Lower/upper explosion limits	: 0,6 % (V/V)– 8 % (V/V) *)
Auto-ignition temperature	: >200°C *)
Viscosity	: no data

Other: *) *Data are for the hydrocarbon fraction in the product; but use as prescribed does normally not generate any risk of fire or explosion.*

10. Stability and reactivity

Conditions to Avoid: May decompose partly to organic (volatile) cracking products at temperatures of about 150 - 250°C (according to local conditions).
Materials to Avoid: May react violently with (strong) oxidizing agents: heat release, resulting in increased fire or explosion risk.

11. Toxicological information

Acute toxicity (data for the contained hydrocarbons)

- **Ingestion:** LD50 (oral, rat): > 5'000 mg/kg
- **Skin Contact:** LD50 (dermal, rabbit): > 3'000 mg/kg
- **Inhalation:** At room temperature, exposure to vapour is minimal due to low volatility.

Irritation

- **Skin:** non-irritating.
- **Eyes:** May cause slight temporary eye irritation. Corneal injury is unlikely. Mechanical irritation by the incorporated abrasive components is possible.

Aspirations into the lungs when swallowed or vomited may cause chemical pneumonitis which may be fatal. Not expected to be a skin sensitizer. May cause defatting of the skin (risk of dermatitis).

12. Ecological information

Mobility and Bioaccumulation Potential: No data.

Degradation: All surfactants in this formulation are readily biodegradable. This product and its surfactants comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 (Art. 4 / Annex III) on detergents.

Aquatic Toxicity (acute)

All components of this material are not classified as dangerous to aquatic organisms (LC50/EC50/IC50 greater than 100 mg/L in most sensitive species)

Other information: No effect on the activity in activated sludge during correct introduction of low concentrations.

13. Disposal considerations

13.1. Waste treatment methods

- Product:** The product leftovers, waste and useless packaging should be handled in accordance with the Regulations on processing of special and dangerous waste (dir. 91/689/EEC, dir. 2000/532/EC).
- Packaging:** In case the metal packaging can not be reused, it will be recycled in the ironworks or disposed at special deposits (dir. 94/62/EC, dir. 1999/177/EC).

14. Transport information

Transport by road/by railway - ADR/RID:

According to the regulations the product IS NOT CLASSIFIED AS DANGEROUS.

15. Regulatory information

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

EC Classification and User Label Information: This product does not require classification according to the criteria of the Commission of the European Communities.

Hazard symbol(s): ---

R-Phrase(s): ---

S-Phrase(s): ---

Hazard determinant Component(s) for labelling: ---

EINECS Status: All materials put into the preparation are listed in EINECS.

National Legislation/Regulations: Water hazard class ('WGK'): 1 (Germany)

Other regulations: ---. The surfactants in this detergent formulation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion will be made available at the request of the detergent distributor.

16. Other information

No other information.

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.