

Safety data sheet

according to 1907/2006/EC, Article 31

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Printing date 01-08-2018

Revision: 01-08-2018

Version number 1

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

- 1.1 Product Identifier
- Trade name: **01 0012100 AUTOSOL® Metal Polish Liquid (250 ml Bottle)**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use
 - SU21 Consumer uses: Private households / general public / consumers
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Application of the substance / the mixture Polishing agent/ Burnishing compound
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
 - Autosol, LLC
 - P.O. Box 340358
 - Austin, TX 78734
- Tel.: +1-512-804-9337
- www.autosol.com info@autosol.com
- Further information obtainable from:
 - msds@autosol.com
- 1.4 Emergency telephone number:
 - +1-512-804-9337 Main or 1-800-314-5545 Toll Free US and Canada

P/N 1210

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
 - The product is not classified according to the CLP regulation.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Additional Information:
 - Keep out of reach of children.
 - Safety data sheet available on request.
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterization: Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

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Dangerous components:		
EC number: 918-481-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Asp. Tox. 1, H304	1-10%
CAS: 1344-28-1 EINECS: 215-691-6	aluminium oxide	1-10%
CAS: 1332-58-7	Kaolin	1-10%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **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.

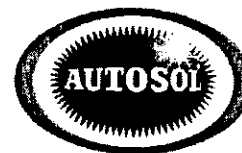
SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fire with alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional Information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

- 7.1 Precautions for safe handling No special measures required.
- Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
 - Requirements to be met by storerooms and receptacles: No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions: None.
- Storage class: 10
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

1344-28-1 aluminium oxide

WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust

1332-58-7 Kaolin

WEL Long-term value: 2 mg/m³

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

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

The usual precautionary measures are to be adhered to when handling chemicals.

- Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

Recommended thickness of the material: ≥ 0.5 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.

Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

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

- Eye protection: Goggles recommended during refilling

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• General Information

• Appearance:

Form:	Viscous
Colour:	White
• Odour:	Characteristic
• Odour threshold:	Not determined.

• pH-value at 20 °C:	8.5
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• Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C

• Flash point:	46 °C
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• Flammability (solid, gaseous):	Not applicable.
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• Ignition temperature:	200 °C
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• Decomposition temperature:	Not determined.
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• Self-igniting:	Product is not selfigniting.
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• Danger of explosion:	Product does not present an explosion hazard.
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• Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

• Vapour pressure:	Not determined.
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• Density at 20 °C:	0.998 g/cm ³
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• Relative density	Not determined.
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• Vapour density	Not determined.
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• Evaporation rate	Not determined.
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• Solubility in / Miscibility with water:

Not miscible or difficult to mix.

• Partition coefficient (n-octanol/water):	Not determined.
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• Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

• 9.2 Other Information

No further relevant information available.

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SECTION 10: Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 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:

• LD/LC50 values relevant for classification:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rabbit)
Inhalative	LC50 (4 h)	4951 mg/l (rat)

- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

SECTION 12: Ecological information

- 12.1 Toxicity

• Aquatic toxicity:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

EC50	> 1000 mg/l (daphnia)
LC50 (96 h)	> 1000 mg/l (Oncorhynchus mykiss)

- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.

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- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

• 14.1 UN-Number	
• ADR, ADN, IMDG, IATA	Void
• 14.2 UN proper shipping name	
• ADR, ADN, IMDG, IATA	Void
• 14.3 Transport hazard class(es)	
• ADR, ADN, IMDG, IATA	
• Class	Void
• 14.4 Packing group	
• ADR, IMDG, IATA	Void
• 14.5 Environmental hazards:	
• Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable.
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

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• **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out. (Contd. of page 6)

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**

H304 May be fatal if swallowed and enters airways.

• **Department issuing MSDS:**

AUTOSOL
P.O. Box 340358
Austin, TX 78734

• **Contact:** msds@autosol.com

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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 Harmonized 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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Asp. Tox. 1: Aspiration hazard, Hazard Category 1