Safety data sheet
according to 1907/2006/EC, Article 31

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

1.1 Product identifier

Trade name: 01 0012100 AUTOSOL® Metal Polish Liquid

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

Further information obtainable from:
msds@autosol.com

1.4 Emergency telephone number:
1-512-804-9337 or 1-800-314-5545 Toll Free US and Canada

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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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.
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 |
| · **Change in condition** |
| · Melting point/Melting range: | Undetermined. |
| · Boiling point/Boiling range: | 100 °C |
| · **Flash point:** | 46 °C |
| · **Flammability (solid, gaseous):** | Not applicable. |
| · **Ignition temperature:** | 200 °C |
| · **Decomposition temperature:** | Not determined. |
| · **Self-igniting:** | Product is not selfigniting. |
| · **Danger of explosion:** | Product does not present an explosion hazard. |
| · **Explosion limits:** |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · **Vapour pressure:** | Not determined. |
| · **Density at 20 °C:** | 0.998 g/cm³ |
| · **Relative density** | Not determined. |
| · **Vapour density** | Not determined. |
| · **Evaporation rate** | Not determined. |
| · **Solubility in / Miscibility with water:** | Not miscible or difficult to mix. |
| · **Partition coefficient (n-octanol/water):** | Not determined. |
| · **Viscosity:** |
| · Dynamic: | Not determined. |
| · Kinematic: | Not determined. |

(Contd. of page 3)
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 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.

(Contd. on page 7)
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
H304 May be fatal if swallowed and enters airways.

· Department issuing MSDS:
Autosol, LLC
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
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