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

1.1 Product identifier
- Trade name: 01 00191 AUTOSOL® M1 Cleansing Polish for Chrome-Plated Plastics (750ml Can)

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

GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

- Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
  The product is classified and labelled according to the CLP regulation.
Safety data sheet
according to 1907/2006/EC, Article 31

Trade name: 01 001911 AUTOSOL® M1 Cleansing Polish for Chrome-Plated Plastics

· Hazard pictograms

GHS07

· Signal word Warning
· Hazard statements
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
· Precautionary statements
  P102 Keep out of reach of children.
  P280 Wear protective gloves/protective clothing/eye protection/face protection.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P332+P313 If skin irritation occurs: Get medical advice/attention.
  P337+P313 If eye irritation persists: Get medical advice/attention.
  P302+P352 IF ON SKIN: Wash with plenty of water.
· Additional information: Keep out of reach of children.

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 characterisation: Mixtures
  · Description: Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>EC number</th>
<th>Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclenes, aromatics (2-25%)</th>
<th>10-25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>919-164-8</td>
<td>Xn R65, R52/53, Asp. Tox. 1, H304; Aquatic Chronic 3, H412</td>
<td></td>
</tr>
<tr>
<td>Reg.nr.: 01-2119473977-17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 1332-58-7</td>
<td>Kaolin substance with a Community workplace exposure limit</td>
<td>10-25%</td>
</tr>
<tr>
<td>EC number</td>
<td>Hydrocarbons, C11-C14, n-alkanes, iso-alkanes, cyclenes, &lt;2% aromatics</td>
<td>10-25%</td>
</tr>
<tr>
<td>926-141-6</td>
<td>Xn R65, Asp. Tox. 1, H304</td>
<td></td>
</tr>
<tr>
<td>Reg.nr.: 01-2119456620-43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Contd. of page 1)
Safety data sheet  
according to 1907/2006/EC, Article 31

Trade name: 01 001911 AUTOSOL® M1 Cleansing Polish for Chrome-Plated Plastics

CAS: 100-37-8  
EINECS: 202-845-2  
2-diethylaminoethanol

<table>
<thead>
<tr>
<th>CAS: 100-37-8</th>
<th>2-diethylaminoethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>R10</td>
<td>C R34; Xn R20/21/22</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Flam. Liq. 3; H226; Acute Tox. 3; H311; Acute Tox. 3; H331; Skin Corr. 1B; H314; Acute Tox. 4; H302; STOT SE 3; H335</td>
<td></td>
</tr>
</tbody>
</table>

1-10%

Additional information: For the wording of the listed risk 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.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: Rinse out mouth and then drink plenty of water. Seek immediate medical advice.

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: Use fire extinguishing methods suitable to surrounding conditions.
- 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: No special measures required.
- Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
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.
Safety data sheet
according to 1907/2006/EC, Article 31

Trade name: 01 00191 AUTOSOL® M1 Cleansing Polish for Chrome-Plated Plastics

See Section 13 for disposal information.

(Contd. of page 3)

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling Store in cool, dry place in tightly closed receptacles.
· 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: Store only in the original receptacle.
· Information about storage in one common storage facility: Not required.
· Further information about storage conditions: None.
· Storage class: 12
· 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:
<table>
<thead>
<tr>
<th>1332-58-7 Kaolin</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL</td>
</tr>
</tbody>
</table>
· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
  Avoid skin contact with the liquefied material.
  The usual precautionary measures are to be adhered to when handling chemicals.
  Wash hands before breaks and at the end of work.
· Respiratory protection: Not necessary if room is well-ventilated.
· Protection of hands:
  Solvent resistant gloves
  Alkaline resistant gloves
  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
  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.

(Contd. on page 5)
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). The exact breakthrough 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1 Information on basic physical and chemical properties</td>
<td></td>
</tr>
<tr>
<td>General Information</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>Pasty</td>
</tr>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value at 20 °C</td>
<td>8.5</td>
</tr>
<tr>
<td>Change in condition</td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C</td>
</tr>
<tr>
<td>Flammability (solid, gaseous)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Self-igniting</td>
<td>Product is not selfigniting</td>
</tr>
<tr>
<td>Danger of explosion</td>
<td>Product does not present an explosion hazard</td>
</tr>
<tr>
<td>Explosion limits</td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density at 20 °C</td>
<td>1.1 g/cm³</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in / Miscibility with water</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Dynamic</td>
</tr>
<tr>
<td>Dynamic</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>100-37-8 2-diethylaminoethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
</tr>
<tr>
<td>Inhalative</td>
</tr>
</tbody>
</table>

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.
on the eye: Irritating effect.

Sensitisation: No sensitising effects known.

Additional toxicological information:
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, disziness, etc.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

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.

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.

(Contd. on page 7)
· **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 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.

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**SECTION 14: Transport information**

· **14.1 UN-Number**
  · Void

· **14.2 UN proper shipping name**
  · Void

· **14.3 Transport hazard class(es)**
  · Void

· **14.4 Packing group**
  · 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.

· **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.
  H302 Harmful if swallowed.
  H304 May be fatal if swallowed and enters airways.
  H311 Toxic in contact with skin.
  H314 Causes severe skin burns and eye damage.
  H331 Toxic if inhaled.
  H335 May cause respiratory irritation.
  H412 Harmful to aquatic life with long lasting effects.
  H414 Causes serious eye damage.
  R10 Flammable.
  R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
  R34 Causes burns.
  R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
  R65 Harmful: may cause lung damage if swallowed.

- 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 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)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  Flam. Liq. 3: Flammable liquids, Hazard Category 3
  Acute Tox. 4: Acute toxicity, Hazard Category 4
  Acute Tox. 3: Acute toxicity, Hazard Category 3
  Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
  Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
  Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
  STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
  Asp. Tox. 1: Aspiration hazard, Hazard Category 1
  Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3