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

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

· Product identifier
· Trade name: 13 013105 AUTOSOL® Parts Cleaner
· Relevant identified uses of the substance or mixture and uses advised against
· Sector of Use
  SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
· Application of the substance / the mixture Cleaning agent/ Cleaner
· 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
· Emergency telephone number:
  1-512-804-9337 or 1-800-314-5545 Toll Free US and Canada

2 Hazards identification

· Classification of the substance or mixture
· Classification according to Regulation (EC) No 1272/2008
  GHS07
  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.
· Label elements
· Labelling according to Regulation (EC) No 1272/2008
  The product is classified and labelled according to the CLP regulation.
· Hazard pictograms

GHS07

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Signal word
Warning

Hazard statements
H319 Causes serious eye irritation.

Precautionary statements
P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Additional information: Keep out of reach of children.

Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

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

Dangerous components:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>68439-46-3 Alcohol C9-11, ethoxylated</td>
<td>1-10%</td>
</tr>
</tbody>
</table>

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

Description of first aid measures
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.
After swallowing: If symptoms persist consult doctor.

Information for doctor:
Most important symptoms and effects, both acute and delayed
No further relevant information available.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

Extinguishing media
Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
For safety reasons unsuitable extinguishing agents: Water with full jet
Special hazards arising from the substance or mixture No further relevant information available.
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6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.
· Environmental precautions: Do not allow to enter sewers/ surface or ground water.
· Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· 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.

7 Handling and storage

· Handling:
  · Precautions for safe handling No special precautions are necessary if used correctly.
  · Information about fire - and explosion protection: No special measures required.
· 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
    · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.
· Control parameters
  · Ingredients with limit values that require monitoring at the workplace:
    The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
  · Additional information: The lists valid during the making were used as basis.
· Exposure controls
  · Personal protective equipment:
    · General protective and hygienic measures:
      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:
      Rubber gloves

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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**
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).
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

## 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td></td>
</tr>
<tr>
<td>Form: Fluid</td>
<td></td>
</tr>
<tr>
<td>Colour: Light yellow</td>
<td></td>
</tr>
<tr>
<td>Odour: Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odour threshold: Not determined.</td>
<td></td>
</tr>
<tr>
<td>pH-value at 20 °C: 9</td>
<td></td>
</tr>
<tr>
<td>Change in condition:</td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Boiling point/Boiling range: 100 °C</td>
<td></td>
</tr>
<tr>
<td>Flash point: Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gaseous): Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Ignition temperature:</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Self-igniting: Product is not selfigniting.</td>
<td></td>
</tr>
<tr>
<td>Danger of explosion: Product does not present an explosion hazard.</td>
<td></td>
</tr>
<tr>
<td>Explosion limits:</td>
<td></td>
</tr>
<tr>
<td>Lower: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Upper: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Density at 20 °C: 1 g/cm³</td>
<td></td>
</tr>
<tr>
<td>Relative density: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Vapour density: Not determined.</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>· Evaporation rate</th>
<th>Not determined.</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>
| · Viscosity:  
  Dynamic: | Not determined. |
  Kinematic: | Not determined. |
| · Other information | No further relevant information available. |

10 Stability and reactivity

· Reactivity
  · Chemical stability
    · Thermal decomposition / conditions to be avoided:
      No decomposition if used according to specifications.
  · Possibility of hazardous reactions
    No dangerous reactions known.
  · Conditions to avoid
    No further relevant information available.
  · Incompatible materials:
    No further relevant information available.
  · Hazardous decomposition products:
    No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects
  · Acute toxicity:
  · Primary irritant effect:
    · on the skin: No irritant effect.
    · on the eye: Irritating effect.
  · Sensitization: No sensitizing effects known.
  · Additional toxicological information:
    Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

12 Ecological information

· Toxicity
  · Aquatic toxicity: No further relevant information available.
  · Persistence and degradability
    No further relevant information available.
  · Behaviour in environmental systems:
    · Bioaccumulative potential
      No further relevant information available.
    · Mobility in soil
      No further relevant information available.
  · Additional ecological information:
  · General notes:
    Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**
  · PBT: Not applicable.
  · vPvB: Not applicable.

· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **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.

### 14 Transport information

- **UN-Number**
  - ADR, ADN, IMDG, IATA: Void

- **UN proper shipping name**
  - ADR, ADN, IMDG, IATA: Void

- **Transport hazard class(es)**
  - ADR, ADN, IMDG, IATA: Void

- **Packing group**
  - ADR, IMDG, IATA: Void

- **Environmental hazards**:
  - Marine pollutant: No

- **Special precautions for user**
  - Not applicable.

- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - Not applicable.

- **UN "Model Regulation"**: -

### 15 Regulatory information

- **Chemical safety assessment**: A Chemical Safety Assessment has not been carried out.
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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
  H302 Harmful if swallowed.
  H315 Causes skin irritation.
  H318 Causes serious eye damage.
  R38 Irritating to skin.
  R41 Risk of serious damage to eyes.

· 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
  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)