## Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>POWER SYNTHCUT 25 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Type</td>
<td>Water Soluble Synthetic Cutting oil</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Apar Industries Limited, 18 T.T.C M.I.D.C Indl. Area , Rabale , Navi Mumbai. Company</td>
</tr>
<tr>
<td>Contact</td>
<td>Phone Number : +91-22-27694756.</td>
</tr>
<tr>
<td></td>
<td>Fax Number : +91-22-27602692</td>
</tr>
</tbody>
</table>

EMERGENCY TELEPHONE NUMBERS : Apar Industries Limited : +91-(0)-9324672241

## Section 1 Composition And Information On Hazardous Ingredients

HMIS Rating:
- Health: 1
- Flammability: 0
- Reactivity: 0
- Personal Protection: B

### INGREDIENTS: (% wt., unless otherwise noted)

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Naphthenic, severely hydrotreated</td>
<td>64742-52-5</td>
<td>10-20</td>
</tr>
<tr>
<td>chemically neutralized oil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dipropylene Glycol Methyl Ether</td>
<td>34590-94-8</td>
<td>1-5</td>
</tr>
</tbody>
</table>

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

## Section 2 Physical Data:

- Boiling Point: 215o F.
- Vapor Pressure: <1
- Vapor Density: <1
- Solubility In Water: Complete
- pH: @ 5% in water: 9.1 ± 0.3
- Sp. Gravity: 1.03 ± 0.01
- Appearance: Amber liquid
- Odor: Bland

## Section 3 – Fire and Explosion Hazard Data:

**FIRE AND EXPLOSION HAZARD DATA:**
- Flash Point: None
- Method Used: PMCC
- FLAMMABLE LIMITS:
  - LFL: None
  - UFL: None
- EXTINGUISHING MEDIA: Water spray, foam or carbon dioxide
- FIRE & EXPLOSION HAZARDS: Intense heat can cause drums to rupture. Cool fire-exposed surfaces with water.
- FIRE-FIGHTING EQUIPMENT: Treat as hot oil. Firefighters should wear NIOSH-approved self-contained breathing apparatus.

**REACTIVITY DATA:** Not Reactive

**STABILITY:** (conditions to avoid) Stable under normal storage and use conditions

**INCOMPATIBILITY:** (specific materials to avoid) Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may product asphyxiants.

**HAZARDOUS POLYMERIZATION:** Will not occur

## Section 4 – Stability and Reactivity
**Section 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION**

ENVIRONMENTAL AND DISPOSAL INFORMATION:
ACTION TO TAKE FOR SPILLS/LEAKS: Treat as oil spill. Contain spill, collect onto inert absorbent. Do not flush into drain or sewers. Place in a DOT container for disposal.
DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations

**Section 6 – HEALTH HAZARD DATA**

HEALTH HAZARD DATA:
EYE: Contact may cause irritation.
SKIN CONTACT: Prolonged contact may cause irritation.
SKIN ABSORPTION: Not expected to be a probable route of exposure
INGESTION: May cause nausea
INHALATION: Inhalation of vapors or mist may be irritating to respiratory passages.
SYSTEMIC (other target organ) EFFECTS: None known
TERATOLOGY (birth defects): None known
REPRODUCTIVE EFFECTS: None known
MUTAGENICITY (effects on genetic material): None known
CARCINOGENICITY: IARC: NO NTP: NO OSHA: NO

**Section 7 – FIRST AID**

FIRST AID:
EYES: Wash eyes thoroughly for at least 15 minutes. If irritation persists, contact a physician.
SKIN: Wash skin with soap and water.
INGESTION: Do not induce vomiting. Contact a physician.
INHALATION: If irritation occurs, remove to fresh air.
NOTE TO PHYSICIAN: Treatment of overexposure should be directed toward the control of symptoms and the clinical condition.

**Section 8 – HANDLING PRECAUTIONS**

EXPOSURE GUIDELINE:
Dipropylene Glycol Methyl Ether OSHA PEL & ACGIH TLV: 100 ppm TWA: 150 ppm STEL
Heavy Naphthenic, severely hydrotreated chemically neutralized oil (as mist) OSHA PEL: 5 mg/m³
VENTILATION: General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.
RESPIRATORY PROTECTION: None normally required. If mist is in excess of 5 mg/m³, use NIOSH approved respirator.
SKIN PROTECTION: Oil-resistant gloves for prolonged or repeated contact
EYE PROTECTION: Safety glasses

**Section 9 – ADDITIONAL INFORMATION**

ADDITIONAL INFORMATION:
SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Product contains Amines. Sodium Nitrite or other nitrosating agents should not be added to this product.
This step will prevent the formation of nitrosamines which are known to be animal carcinogens.
Normal precautions common to good manufacturing practices should be followed in handling and storing.
Store away from food. Wash hands before eating, drinking or smoking. Use as directed.

**Section 10 – REGULATORY INFORMATION**

REGULATORY INFORMATION: (Not meant to be all-inclusive—selected regulations represented). None
NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above.
However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.
**SECTION 11– TOXIC SUBSTANCES CONTROL ACT (TSCA):**

**TOXIC SUBSTANCES CONTROL ACT (TSCA):**
The components of this product are listed on the TSCA inventory.
This product contains the toxic chemical or chemicals listed below, which are subject to the supplier notification requirements of
Section 313 of the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the requirements of 40 CFR part 372.
None
This notice must not be detached from the foregoing MSDS. If the MSDS is copied for any reason, including distribution, this notice must also be copied and accompany all redistributed MSDS'. Failure to do so may subject you to penalties under law.
This product contains the following ingredient(s) which are regulated under the Clean Air Act Section 112 hazardous air pollutants and is subject to all reporting requirements of CERCLA (Superfund). None

**Section 12 – TRANSPORTATION INFORMATION**

10) TRANSPORTATION INFORMATION:
PROPER SHIPPING NAME: Non-regulated
DOT HAZARD CLASS: NON-REGULATED

**Section 13 Regulatory Information**

<table>
<thead>
<tr>
<th>CERCLA/SARA :</th>
<th>Extremely hazardous substances</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>302/303/304 categories</td>
<td>Immediate(acute) Health Effects</td>
<td>No</td>
</tr>
<tr>
<td>311/312 categories</td>
<td>Delayed (chronic) health effects</td>
<td>No</td>
</tr>
<tr>
<td>313 categories</td>
<td>Toxic Chemicals (40 CFR 372)</td>
<td>None</td>
</tr>
<tr>
<td>Clean Air act</td>
<td>Hazardous Air Pollutants (HAPS)</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Ozone depleting Compounds (ODC)</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EPA/TSCA Inventory</td>
<td>The components of this product are listed on the EPA/TSCA inventory of chemicals CAS No: 64741-89-5, 64742-62-7</td>
</tr>
<tr>
<td>Foreign Inventories</td>
<td>The components of this product are listed under the following inventories:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CANADA DSL No.: 64741-89-5, 64742-62-7</td>
<td></td>
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<tr>
<td></td>
<td>European Union’s EINICS No. 265-091-3, 265-166-0</td>
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<tr>
<td></td>
<td>Australia’s ACS No. 64741-89-5, 64742-62-7</td>
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<tr>
<td></td>
<td>Philippines’PICCS - on list</td>
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</table>

**Section 14- Other Information**

<table>
<thead>
<tr>
<th>Hazard Rating</th>
<th>NFPA/HMIS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = Least</td>
<td>Health = 1</td>
</tr>
<tr>
<td>1 = Slight</td>
<td></td>
</tr>
<tr>
<td>2 = Moderate</td>
<td></td>
</tr>
<tr>
<td>3 = High</td>
<td>Fire = 1</td>
</tr>
<tr>
<td>4 = Extreme</td>
<td>Reactivity = 0</td>
</tr>
</tbody>
</table>

**Prepared By:** SHE Department.
**Revision Information:** Date of preparation: 1th JAN. 2014  Rev:00

**Disclaimer:**
The information contained herein is based upon data believed to be reliable and reflects our best professional judgment. It is the responsibility of the user to determine the suitability of the material for their purpose. No warranty is expressed or implied, is given.