1. Identification of the substance/preparation and company

Product name: PAR COOL PG 50/50
Product type: Antifreeze
Supplier: Atlas Copco Airpower N.V. – Portable Air Division
Address: Ingberthoeveweg 7, 2630 Aartselaar - BELGIUM
Product safety guide: coolants
Emergency contact: Please contact the nearest Atlas Copco Customer Centre or for urgent matters the Medical Service of Atlas Copco Airpower in Belgium (+32 3 870 21 05)

2. Composition and information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>% Wt</th>
<th>CAS No.</th>
<th>EC No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-propanediol</td>
<td>45 - 54.99</td>
<td>57-55-6</td>
<td>200-338-0</td>
</tr>
<tr>
<td>Water and additives</td>
<td>45 - 54.99</td>
<td>CBI</td>
<td>CBI</td>
</tr>
<tr>
<td>Aliphatic acid, sodium salt</td>
<td>5</td>
<td>CBI</td>
<td>CBI</td>
</tr>
</tbody>
</table>

Xn R 63 Possible risk of harm to the unborn child.

3. Hazards Identification

Warning statement: None considered necessary

Acute effects of exposure to man

Inhalation: Believed to be minimally irritating
Skin contact: Brief contact may cause slight irritation. Prolonged contact, as with clothing wetted with material, may cause more severe irritation and discomfort, seen as local redness and swelling.
Eye contact: May cause irritation, experienced as mild discomfort and seen as slight excess redness of the eye.
Ingestion: No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhoea may occur.

Chronic effects of exposure to man

Medical conditions aggravated by exposure: There is no evidence that this product aggravates an existing medical condition.

Effects of exposure to the environment: Believed not to be toxic to aquatic species.

4. First Aid Measures

Route of exposure

Inhalation: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist. Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.
Skin contact: Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.
Eye contact: If patient is conscious and can swallow, give two glasses of water (500ml) Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious or convulsing person.
Ingestion: None
5. Fire Fighting Measures

Suitable extinguishing media: Use water fog, dry powder, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water fog to disperse the vapours and to provide protection for persons attempting to stop the leak.

Extinguishing media which must not be used for safety reasons: Water jet.

Special exposure hazards arising from the substance or preparation itself, combusting products, resulting gases: None

Special protective equipment for fire-fighters: The nature of special protective equipment required will depend upon the size of the fire, the degree of confinement of the fire and the natural ventilation available. Fire-resistant clothing and self-contained breathing apparatus is recommended for fires in confined spaces and poorly ventilated areas. Full fireproof clothing is recommended for any large fires involving this product.

6. Accidental Release Measures

Procedures in case of accidental release or leakage: Contain spill if possible. Wipe up or absorb on suitable material and shovel up.

7. Handling and Storage

Handling: Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

Storage: Transport, handle and store in accordance with applicable local regulations.

8. Exposure Controls/Personal Protection

Respiratory protection: Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated, use approved respirator as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.

Hand and skin protection: Avoid skin contact. When contamination has occurred, workers should wash exposed skin with soap and water. Soiled clothing should be laundered or dry-cleaned.

Eye protection: Chemical type goggles or face shield recommended to prevent eye contact.

Exposure limit for the product: None established for product.

9. Physical and Chemical Properties

Appearance: Light red liquid
Odour: Mild odour
Flash point (COC), °C: 112 min
Relative density: 1.035 at 20°C
Viscosity: 6.46 mm²/s at 20 °C.
PH: 8.9 at 100%
Solubility in water: 100%
10. Stability/reactivity

Conditions to avoid: Sources of ignition such as naked flames, sparks, hot surfaces.
Materials to avoid: Avoid contact with strong oxidising agents.
Hazardous decomposition products: Oxides of carbon, aldehydes and ketones.

11. Toxicological information

Acute:
- Inhalation: High concentrations of vapours or mist are likely to be irritating to the respiratory tract and may cause nausea, dizziness, headaches and drowsiness.
- Skin contact: Slightly irritating to the skin.
- Eye contact: Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
- Ingestion: No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhoea may occur.

Chronic: There is no evidence that this product aggravates an existing medical condition.

12. Ecological information

- Mobility: Not determined.
- Persistence and degradability: According to EC criteria: expected to be readily biodegradable.
- Potential to bioaccumulate: This product is estimated to have a low potential to bioconcentrate.
- Aquatic toxicity: Believed not to be toxic to aquatic species.
- Remarks: Releases of small quantities are unlikely to affect adversely the functioning of water treatment plants.

13. Disposal Considerations

Disposal: Dispose in accordance with local laws and regulations governing disposal of chemicals.

14. Transport Information

Not regulated.

15. Regulatory Information

Labelling information: Not classified according to EC Directive 88/379/EEC.
Additional information: Refer to any national measures that may be relevant.

16. Other Information

MSDS history:
- Edition number 01
- First issued: 08/07/2002