SAFETY DATA SHEET


1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>FUNCTIONAL WA-64</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMICAL FAMILY</td>
<td>Mixture</td>
</tr>
<tr>
<td>PRODUCT USE</td>
<td>Waylube additive for mineral oil</td>
</tr>
<tr>
<td>CAS REGISTRY NUMBER</td>
<td>Mixture</td>
</tr>
<tr>
<td>REVISION DATE</td>
<td>February 7, 2012</td>
</tr>
</tbody>
</table>

MANUFACTURER / SUPPLIER

FUNCTIONAL PRODUCTS INC.
8282 Bavaria Road
Macedonia, Ohio 44056, USA
Tel: 330-963-3060 Fax: 330-963-3322

2. HAZARDS IDENTIFICATION

EYES: May be irritating to eyes.

SKIN: May be irritating to the skin. Prolonged or repeated contact with skin may cause mild irritation and possible dermatitis.

INGESTION: Low toxicity on ingestion.

INHALATION: If heated, sprayed or misted, this product may cause chemical pneumonitis.

CARCINOGENICITY: Not listed as a carcinogen.
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE/ PREPARATION</th>
<th>% (w/w)</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALKYLENE ESTER SULFIDE</td>
<td>30 – 60</td>
<td>PROPRIETARY</td>
</tr>
<tr>
<td>CARBOXYLATE SALT</td>
<td>10 – 20</td>
<td>PROPRIETARY</td>
</tr>
<tr>
<td>AMINE PHOSPHATE COMPLEX</td>
<td>22 – 38</td>
<td>PROPRIETARY</td>
</tr>
<tr>
<td>HYDROTREATED NAPHTHENIC OIL</td>
<td>15 – 55</td>
<td>64742-53-6</td>
</tr>
<tr>
<td>AMIDE COMPLEX</td>
<td>5 -14</td>
<td>PROPRIETARY</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

INHALATION: If inhaled, remove to fresh air. Get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: If affected person is conscious, give plenty of water to drink. Never give anything to drink to an unconscious person. Get medical attention if symptoms appear. Do not induce vomiting.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops.

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 135° C / 275° F

UPPER FLAMMABLE LIMIT: Not determined.

LOWER FLAMMABLE LIMIT: Not determined.

EXTINGUISHING MEDIA: In case of fire use water spray (fog), foam or dry chemicals.

HAZARDOUS COMBUSTION: Oxides of Carbon, Sulfur, Phosphorus, Nitrogen, Smoke and Fumes.

PRODUCTS: FIRE-FIGHTING PROCEDURES Recommended wearing self-contained breathing apparatus and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Personal Protective Equipment must be worn. Keep unnecessary personnel away.

ENVIRONMENTAL PRECAUTIONS AND CLEAN UP METHODS: Spills should be contained, absorbed and containerized for disposal in accord with local, state and federal regulations. Prevent entry to sewers and water-way.
7. **HANDLING AND STORAGE**

HANDLING: Wash thoroughly after handling.
STORAGE: Keep container tightly closed, in cool, well ventilated area.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

VENTILATION: Use with adequate ventilation.
HANDS: Use chemical resistant, impervious gloves.
EYES: Use safety glasses, goggles or face mask.
CLOTHING: Long sleeve shirt is recommended.
RESPIRATORY SYSTEM Use appropriate respiratory protection if there is the potential

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid
COLOR: light amber
ODOR: slight sulfur odor.
DENSITY: 0.94 g / cm3 at 15 deg C (59 Deg F)
SOLUBILITY: Insoluble in water.

10. **STABILITY AND REACTIVITY**

STABILITY: The product is stable.
INCOMPATIBILITY: Strong oxidants and reducing agents.
CONDITIONS TO AVOID: Not known.

11. **TOXICOLOGICAL INFORMATION**

SENSITIZATION: Based on current information, there is no known human sensitization associated with this product.
MUTAGENICITY: Experimental evidence suggests that this product do not cause mutagenesis.
CARCINOGENICITY Not classified or listed by IARC, NTP, OSHA, EU, and ACGIH.
TERATOGENICITY Based on best current information, there is no known teratogenicity associated with this product.
REPRODUCTIVE TOXICITY Based on best current information, there is no known reproductive toxicity associated with this product.
12. **ECOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>ENVIRONMENTAL HAZARDS</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>FISH TOXICITY</td>
<td>Not available</td>
</tr>
<tr>
<td>ALGAE TOXICITY</td>
<td>Not available</td>
</tr>
<tr>
<td>BACTERIA TOXICITY</td>
<td>Not available</td>
</tr>
</tbody>
</table>

13. **DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. **TRANSPORTATION INFORMATION**

- U.S DOT BULK: Not regulated.
- U.S. DOT NON-BULK: Not regulated.
- IMDG CODE: Not regulated.
- ICAO: Not regulated.
- ADR/RID HAZARD CLASS: Not regulated.

15. **REGULATORY INFORMATION**

- U.S.TSCA INVENTORY: Yes
- SARA EXT. HAZ. SUBS.: No
- SARA Section 313: No
- CERCLA: No
- CAL. PROP. 65: No
- AUSTRALIA: All components are listed on AICS inventory.

16. **OTHER INFORMATION**

**NFPA CODE**

Health: 2  Fire: 1  Reactivity: 0

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