SAFETY DATA SHEET

According to REACH, Regulation (EC) N° 1907/2006 and amendments

Section 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Functional CI-426</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Family</td>
<td>Corrosion inhibitor / anti-wear additive</td>
</tr>
<tr>
<td>Product Use</td>
<td>Lubricant Additive</td>
</tr>
<tr>
<td>CAS Registry Number</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Revision Date</td>
<td>July 6, 2015</td>
</tr>
</tbody>
</table>

Manufacturer: Functional Products, Inc.
8282 Bavaria Road
Macedonia, Ohio 44056, USA
Tel (USA): + 1 330-963-3060
Fax (USA): + 1 330-963-3322
E-mail: SDS@functionalproducts.com

European Supplier: Lumar Quimica S.L.U.
Milanesat, 25-27, 4t. 1a.
08017 Barcelona
Spain
Tel: + 34 93 594 75 00
Fax: + 34 93 594 75 01
E-mail: lumar@lumarquimica.com

Emergency Phone Numbers:
United States: + 330-963-3060 (8:00AM-5:00PM EST)
Europe: + 34 93 594 75 00 (08:00 -13:00  14:00-17:00)
France (ORFILA): + 33 (0)1 45 42 59 59

Section 2: HAZARDS IDENTIFICATION

This material has no known hazards.

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to Regulation (EC) N° 1272/2008 [CLP]
This is not a hazardous substance or mixture according Regulation (EC) No. 1272/2008.
No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC
This is not a hazardous substance of mixture according to EC-directives 67/548/EEC or 1999/45/EC.
This material has no known hazards, if the regulations/notes for storage and handling are considered and followed.

2.2 LABEL ELEMENTS

**Globally Harmonized System, EU (GHS)**
The product does not require a hazard warning label in accordance with GHS criteria.

**According to Regulation (EC) No 1272/2008 [CLP]**
The product does not require a hazard warning label in accordance with Regulation (EC) No. 1272/2008.

**According to Directive 67/54//EEC or 1999/45/EC**
European Economic Community (EEC) Directives
The product does not require a hazardous warning label in accordance with EEC Directives.

2.3 OTHER ELEMENTS

If it is applicable, information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

**According to Regulation (EC) No. 1272/2008 [CLP]**
This material has no known hazards

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance / Preparation</th>
<th>% (w/w)</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>C11-14 Branched Alkyl Amines,</td>
<td>100</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Monohexyl and Dihexyl Phosphate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 4: FIRST–AID MEASURES

**Inhalation:** Remove to fresh air. In case of irritation to the respiratory system or mucous membranes, get medical attention. In case of prolonged exposure, get medical attention.

**Ingestion:** If affected person is conscious, give plenty of water to drink. Do NOT induce vomiting. Give victim water or milk. Call physician or poison control immediately. Never give anything by mouth to an unconscious person.

**Skin Contact:** Immediately wash with soap and water. Remove contaminated clothing. Seek medical attention.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.
Section 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.
Fire Fighting Procedures: Recommended to wear self-contained breathing apparatus and full protective gear.

Section 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. Do not flush into surface water, sanitary sewer or ground water system.

Section 7: HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not breathe vapors or mists. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.
Storage: Keep container tightly closed, in cool, well ventilated area. Empty containers may retain product residue, precautions apply to empty containers.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Use with adequate ventilation.
Hands: Use chemical resistant, impervious gloves.
Eyes: Use chemical safety goggles and face shield.
Clothing: Chemical resistant apron or body-covering clothing.
Respiratory: Use appropriate respiratory protection if there is the potential for overexposure to fumes.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Yellow-amber
Odor: Amine-like.
Density: 0.92 g / cm³ at 15°C (59 ° F)
Solubility: Insoluble in water.
Boiling Point: > 195°C
PH (5% in water/Isopropanol): 8.5
Section 10: STABILITY AND REACTIVITY

Stability: The product is stable.
Incompatibility: Strong acids, bases, oxidants and reducing agents
Conditions To Avoid: High temperatures

Section 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE

Oral Toxicity: No data available
Eye Irritation: No data available
Skin Irritation: No data available
Dermal Toxicity: No data available
Inhalation Toxicity: No data available

CHRONIC EXPOSURE

Chronic Toxicity: No data available
Carcinogenicity: No data available
Teratogenicity: No data available
Reproductive Toxicity: No data available

Section 12: ECOLOGICAL INFORMATION

Environmental Hazards: No data available
Environmental Fate: No data available
Fish Toxicity: No data available
Algae Toxicity: No data available
Bacteria Toxicity: No data available

Section 13: DISPOSAL CONSIDERATIONS

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

Section 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
Section 15: REGULATORY INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>U.S. TSCA Inventory:</td>
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<tr>
<td>Other TSCA Reg.:</td>
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</tr>
<tr>
<td>SARA EXT. HAZ. SUBS:</td>
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</tr>
<tr>
<td>SARA Section 313:</td>
<td>No</td>
</tr>
<tr>
<td>CERCLA:</td>
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<tr>
<td>CAL. PROP. 65:</td>
<td>No</td>
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<tr>
<td>Japan</td>
<td>Listed - MITI</td>
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<tr>
<td>Australia</td>
<td>Listed - AICS</td>
</tr>
<tr>
<td>Europe</td>
<td>Listed - EINECS</td>
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<tr>
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<td>Polymers are exempt from EINECS inventory under the polymer exemption.</td>
</tr>
<tr>
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<tr>
<td></td>
<td>WHMIS – not controlled.</td>
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<td>Philippines</td>
<td>Listed – PICCS</td>
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Section 16: OTHER INFORMATION

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<th>Health: 1</th>
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<th>Reactivity: 0</th>
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<tbody>
<tr>
<td>NFPA Code</td>
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<td></td>
</tr>
<tr>
<td>HMIS Code</td>
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</table>

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