SAFETY DATA SHEET


Section 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Functional GA-614</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Family</td>
<td>Industrial Lubricant Additive</td>
</tr>
<tr>
<td>Product Use</td>
<td>Enclosed Gear Oil Additive</td>
</tr>
<tr>
<td>CAS Registry Number</td>
<td>Mixture</td>
</tr>
<tr>
<td>Revision Date</td>
<td>January 04, 2019</td>
</tr>
</tbody>
</table>

Manufacturer: Functional Products, Inc.
8282 Bavaria Road
Macedonia, Ohio 44056, USA
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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

GHS Classification
Eye damage/ Eye Irritation: Category 2B.
Skin Irritation: Category 2
Inhalation: Category 5
Oral: Category 4

GHS Label Elements

Signal Word: Warning
Hazard Statements
H320 - Causes eye irritation. H315 - Causes skin irritation. H333 - May be harmful if inhaled.
H302 - Harmful if swallowed.

Precautionary Statements
Prevention
P280 - Wear protective gloves/protective clothing/eye protection.
P264 - Wash thoroughly after handling.

Response
P305 + P351 + P338 – IF IN EYES: Rinse continuously 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.
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 – If skin irritation occurs: get medical/attention.

Disposal
P501 – Dispose of contents/container in accordance with local / regional / national / international regulations.

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>Olefin Sulfide</td>
<td>70 – 75</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Phosphoric Acid Esters, Amine Salt</td>
<td>15 – 17</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Alkyl aryl Amine</td>
<td>3 – 4</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Alkylated Triazole</td>
<td>5 – 8</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

Section 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.

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.

Section 5: FIRE-FIGHTING MEASURES

Flash Point: 115 °C / 240°F (COC)
Extinguishing Media: In case of fire use CO2, foam or dry chemicals.
Hazardous Combustion Products: Vapor may cause flash fire. Container may rapture on heating.

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: Keep away from potential source of ignition. Wash thoroughly after handling. Open container in a well ventilated area. Avoid breathing vapors.

Storage: Store in well ventilated areas in maximum 45°C / 113°F temperatures.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Use with adequate ventilation.

Hands: Use chemical resistant nitrile or neoprene gloves.

Eyes: Use safety glasses, goggles or face mask.

Clothing: Long sleeve shirt is recommended.

Respiratory: Use appropriate respiratory protection if there is the potential for overexposure to fumes.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Slightly Hazy Liquid

Color: Amber

Odor: Mild

Specific Gravity: 0.98 @ 15.6°C

Solubility: Insoluble in water

Flash Point: 115 °C / 240°F (COC)

Section 10: STABILITY AND REACTIVITY

Stability: The product is stable
Incompatibility: Oxidizing agents
Conditions to Avoid: High temperatures, spark, and open flames
Polymerization: Will not occur

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
ICAO/IATA (US) Not Regulated
ICAO/IATA (International) Not Regulated

Section 15: REGULATORY INFORMATION

U.S. TSCA Inventory: Yes
Other TSCA Reg.: No
SARA EXT. HAZ. SUBS: No
SARA Section 313: No
CERCLA: No
CAL. PROP. 65: No
Japan MITI Listed - MITI
Australia Listed - AICS
Europe Listed - EINECS
Polymers are exempt from EINECS inventory
China Listed - IECSC
Canada Listed - DHL
WHMIS – not controlled.
Korea Listed - KECI
New Zealand Listed - NZIoC
Philippines Listed – PICCS

**Section 16: OTHER INFORMATION**

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

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