

SAFETY DATA SHEET

According to REACH, Commission Regulation (EU) 2015/830 of 28 May 2015

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Functional GA-614
Chemical Family	Industrial Lubricant Additive
Product Use	Enclosed Gear Oil Additive
CAS Registry Number	Mixture
Revision Date	January 04, 2019

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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

Substance / Preparation	% (w/w)	CAS #
Olefin Sulfide	70 – 75	Proprietary
Phosphoric Acid Esters, Amine Salt	15 – 17	Proprietary
Alkyl aryl Amine	3 – 4	Proprietary
Alkylated Triazole	5 – 8	Proprietary

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 rupture 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.
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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

NFPA Code	Health: 1	Fire: 1	Reactivity: 0
HMIS Code	Health: 1	Fire: 1	Reactivity: 0

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