

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-360M
Chemical Family	Industrial Lubricant Additive
Product Use	EP Lubricant/Grease Pacakge
CAS Registry Number	Mixture
Revision Date	April 5 th 2023

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

GHS Classification

Aspiration Hazard: Category 1
Skin Irritation: Category 3
Skin Sensitization: Category 1B

Signal Word: **Danger**



Hazard Statements:

H304 - May be fatal if swallowed and enters airways
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction

Prevention Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Response Precautionary Statements:

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

Disposal Precautionary Statements:

P501 - Dispose of contents/container in accordance with local regulations.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation	% (w/w)	CAS #
Alkyl Sulfides	20 – 30	Proprietary
Petroleum Oil	40 – 50	Mixture
Calcium Salts	5 – 15	Proprietary
Phosphates	5 – 15	Proprietary
Alkyl Aromatic Amines	1 – 5	Proprietary
Hindered Alkyl Phenols	1 – 5	Proprietary
Thiadiazole Derivatives	1 – 5	Proprietary
Copolymers	< 5	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:	150 °C / 302°F (COC)
Extinguishing Media:	In case of fire use CO ₂ , 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:	Liquid
Color:	Amber
Odor:	Mild
Specific Gravity:	0.97 @ 20°C
Solubility:	Insoluble in water
Flash Point:	150 °C / 302°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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