

SAFETY DATA SHEET

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

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	FUNCTIONAL WA-64
Chemical Family	Mixture
Product Use	Waylube additive for mineral oil
CAS Registry Number	Mixture
Revision Date	June 15, 2017

Manufacturer: Functional Products, Inc.
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Section 2: HAZARDS IDENTIFICATION

GHS Classification

Eye Irritation: 2A
Skin Irritation: 2
Acute Toxicity (Oral): 4
Acute Toxicity (Inhalation): 2
Acute Toxicity (Dermal): 3
Skin Sensitization: 1

GHS Label Elements



Signal Word

Warning

Hazard Statements

H302 - Harmful if swallowed

H311 - Toxic in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes eye irritation

H330 - Fatal if inhaled

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

Mixture

% (w/w)

100

CAS #

Proprietary

3.1. Substances

NA

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Substance/ Preparation

% (w/w)

CAS #

Qty (%)	Name	Ident. Number	Classification
<15	Phosphoric acid, 2-ethylhexyl ester	CAS: 12645-31-7	Metal corrosion: 1, H290 Skin corrosion: 1B, H314
< 2	2-ethylhexanol	CAS: 104-76-7	Flammable liquid: 4, H227 Acute toxicity: 4 (dermal) H312 Acute toxicity 4 (vapor inhalation) H332 Skin irritant: 2 H315 Eye irritant: 2A, H319

			STOT SE: 3, H335
<15	C12-C14 t-alkyl amines and related reaction products	CAS: 68955-53-3	Flammable liquids: 4, H227 Acute toxicity: 4 (oral), H302 Acute toxicity: 2 (inhalation), H330 Acute toxicity: 3 (dermal), H311 Skin corrosion: 1B, H314 Serious eye damage: 1, H318 Skin sensitization: 1, H317

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: > 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.

Fire-Fighting Procedures: Recommended wearing self-contained breathing apparatus and full turnout 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. Prevent entry to sewers and water-way.

Section 7: HANDLING AND STORAGE

Handling: Wash thoroughly after handling.

Storage: Keep container tightly closed, in cool, well-ventilated area.

Section 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

Section 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.
Boiling Point: N / A
Vapor Pressure: < 0.1
Evaporation Rate: < 1

Section 10: STABILITY AND REACTIVITY

Stability: The product is stable.
Incompatibility: Strong oxidants and reducing agents.
Conditions to Avoid: Not known

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

