

SAFETY DATA SHEET

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

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	FUNCTIONAL DM-400
Chemical Family	Lubricant Additive
Product Use	Demulsifier
CAS Registry Number	Mixture
Revision Date	June 25 th 2021

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

GHS Classification

Skin Irritation: Category 2

Eye Irritation: Category 2A

Aspiration Toxicity: Category 1

GHS Label Elements

Signal Word: **Danger**



Hazard Statements

H319 - Causes serious eye irritation

H315 - Causes skin irritation.

H304 - May be fatal if swallowed and enters airways

Precautionary Statements

Prevention

P264 - Wash thoroughly after handling.

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

Response

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

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

P362 - Take off contaminated clothing and wash before reuse.

P305+P351+P338 - IF IN EYES: Rinse cautiously 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.

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

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

Storage

P405 - Store locked up.

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 #	GHS Classification
Sulfonates	10 – 30	Proprietary	Skin 2 / Eye 2A
Polyalphaolefins	10 – 30	Proprietary	N/A
Alkanes	40 – 60	Proprietary	Aspiration Toxicity 1

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:	>140° C / 284°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 Products: Oxides of Carbon, 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-ways.

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 Use appropriate respiratory protection if there is any potential for uncontrolled release or exposure levels are not known.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Amber
Odor: Mild
Density 0.85 – 0.87 g /cm³ at 20 deg C (68 Deg F)
Solubility: Not soluble in water
Boiling Point: No data available
Vapor Pressure: No data available
Evaporation Rate: No data available

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

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

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 under the polymer exemption.
China	Listed - IECSC
Canada	Listed - DSL
	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

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