

SAFETY DATA SHEET

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

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Functional Air-Cooled Two-Cycle Engine Oil
Chemical Family	Biodegradable Oil for gasoline engines
Product Use	Two-Cycle Oil
CAS Registry Number	Mixture
Revision Date	June 15, 2017

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

This material is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to Regulation (EC) N^o 1272/2008 [CLP]

This is not a hazardous substance or mixture according Regulation (EC) No. 1272/2008.

No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC

This is not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

This material has no known hazards, if the regulations/notes for storage and handling are considered and followed.

2.2 LABEL ELEMENTS

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Regulation (EC) No 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with Regulation (EC) No. 1272/2008.

According to Directive 67/548/EEC or 1999/45/EC

European Economic Community (EEC) Directives

The product does not require a hazardous warning label in accordance with EEC Directives.

2.3 OTHER ELEMENTS

If it is applicable, information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

According to Regulation (EC) No. 1272/2008 [CLP]

This material has no known hazards

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Preparation	% (w/w)	CAS #
Methyl Ester	30 - 35	Proprietary
Alkyl ester	25 - 30	Proprietary
Polybutenes	25 - 30	Proprietary
Additive Package	5 - 15	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

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:	Yellow to amber
Odor:	Mild
Density:	0.94 g / cm ³ at 15 deg C (59 Deg F)
Solubility:	Insoluble 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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