SAFETY DATA SHEET

Revision Date: 2019.07.24

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

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	HF-595	
Chemical Family	Lubricant Additive	
Product Use	Hydraulic fluid additive package	
CAS Registry Number	Mixture	
Revision Date	July 24, 2019	

Manufacturer: Functional Products, Inc.

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Europe + 34 93 594 75 00 (08:00 -13:00 14:00-17:00)

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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) N⁰ 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 of 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 67/54//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#
Dialkyl polysulfide	10 - 13	Proprietary
Sulfurized triglyceride	20 - 25	Proprietary
Alkyl Diphenyl Amine	10 - 15	Proprietary
Alkyl Thiadiazole	8 - 10	Proprietary
Alkylated hindered phenol	10 - 15	Proprietary
Alkylated calcium sulfonate	10 - 13	Proprietary
Triglyceride Oil	15 - 20	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 Oxides of carbon, phosphorus and nitrogen; smoke and

Products 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 for exposure.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid Color: Light yellow

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Odor: Mild

Density: 0.92 g / cm3 at 15 Deg C (59 Deg F)

Solubility: Insoluble in water.

Boiling Point: N / A
Vaporization Rate: < 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:

Eye Irritation:

Skin Irritation:

Dermal 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

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IMDG CodeNot regulatedICAONot regulatedADR/RID Hazard ClassNot 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: 0 Fire: 1 Reactivity: 0

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