

## SAFETY DATA SHEET

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

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**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

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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.  
8282 Bavaria Road  
Macedonia, Ohio 44056, USA  
Tel (USA): + 1 330-963-3060  
Fax (USA): + 1 330-963-3322  
E-mail: [SDS@functionalproducts.com](mailto: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](mailto: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

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**Section 2: HAZARDS IDENTIFICATION**

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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<sup>o</sup> 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) N° 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

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## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

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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

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## Section 4: FIRST-AID MEASURES

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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.

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## **Section 5: FIRE-FIGHTING MEASURES**

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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 and nitrogen; smoke and fumes.
Fire-Fighting Procedures	Recommended wearing self-contained breathing apparatus and full turnout gear.

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## **Section 6: ACCIDENTAL RELEASE MEASURES**

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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.

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## **Section 7: HANDLING AND STORAGE**

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Handling:	Wash thoroughly after handling.
Storage:	Keep container tightly closed, in cool, well ventilated area.

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## **Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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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.

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## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State:	Liquid
Color:	Light yellow

Odor: Mild  
Density: 0.92 g / cm<sup>3</sup> at 15 Deg C (59 Deg F)  
Solubility: Insoluble in water.  
Boiling Point: N / A  
Vaporization Rate: < 0.1  
Evaporation Rate: < 1

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## Section 10: STABILITY AND REACTIVITY

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

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## Section 11: TOXICOLOGICAL INFORMATION

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### ***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

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## Section 12: ECOLOGICAL INFORMATION

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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

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## Section 13: DISPOSAL CONSIDERATIONS

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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

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U.S DOT Bulk Not regulated  
U.S. DOT Non-Bulk Not regulated

