

## **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	<b>FUNCTIONAL V – 498</b>
Chemical Family	Polymeric Hydrocarbon In Mineral Oil
Product Use	Tackifier For Food Grade Lubricants
CAS Registry Number	Mixture
Revision Date	November 15, 2018

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

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According to Regulation 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200

#### **2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

. **GHS Classification:** Aspiration Hazard, Category 1

## 2.2 LABEL ELEMENTS

Globally Harmonized System, EU (GHS)



**Signal Word**  
**Danger**

### Hazard Statements

H301: Toxic if swallowed

H304: May be fatal if swallowed and enters airways

H332: Harmful if inhaled

### Precautionary Statements

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

P331: Do NOT induce vomiting

### Storage

P405: store locked up

### Disposal

P501: Dispose of contents/container to approved waste disposal plant

### Potential health effects

Primary routes of entry: Eye contact, ingestion, inhalation, skin contact

Aggravated medical condition: None known

## 2.3 OTHER ELEMENTS

Not classified as flammable but will burn. Repeated exposure may cause skin dryness or cracking. Used oil may contain harmful impurities.

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## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

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<b>Substance/ Preparation</b>	<b>% (w/w)</b>	<b>CAS #</b>
White Mineral Oil	90 – 100	8042-47-5
Polyisobutylenes	0 – 10	9003-27-4

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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:	> 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 Products:	Oxides of carbon 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.
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

### Occupational Exposure Limits

Component	Cas #	Value type (Form of exposure)	Control Parameters/Permissible concentration	Basis
White Mineral Oil	8042-47-5	TWA (mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalation fraction)	5 mg/m3	ACGIH
		TWA (mist)	5 mg/ m3	OSHA P0
		TWA (mist)	5 mg/m3	NIOSH REL
		ST (mist)	10mg/m3	NIOSH REL

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### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Liquid  
Color: Water White to Pale Yellow  
Odor: Mild petroleum odor.  
Density: 0.83 – 0.88 g / cm<sup>3</sup> at 15 deg C (59 Deg F)  
Solubility: Insoluble in water.  
Boiling Point: N / A  
Vapor Pressure: < 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
IMDG Code	Not regulated
ICAO	Not regulated
ADR/RID Hazard Class	Not regulated

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**Section 15: REGULATORY INFORMATION**

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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

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**Section 16: OTHER INFORMATION**

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NFPA CODE	Health: 1	Fire: 1	Reactivity: 0
HMIS CODE	Health: 1	Fire: 1	Reactivity: 0

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