

## 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 – 425</b>
Chemical Family	Copolymers In White Mineral Oil
Product Use	Thickener / Tackifier For Food Grade Lubricants
CAS Registry Number	Mixture
Revision Date	November 15, 2018

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### Section 2: HAZARDS IDENTIFICATION

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According to 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
Ethylene-Propylene Copolymer	0 – 10	9010-79-1

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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

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Viscous 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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