

SAFETY DATA SHEET

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

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	FUNCTIONAL V-475
Chemical Family	Polymeric Hydrocarbon In Mineral Oil
Product Use	Tackifier For Food Grade Lubricants
CAS Registry Number	Mixture
Revision Date	November 15, 2018

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Section 2: HAZARDS IDENTIFICATION

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.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

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

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:	> 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.

Section 6: ACCIDENTAL RELEASE MEASURES

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 waterway.

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

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous liquid
Color: Water White to Pale Yellow
Odor: Mild petroleum odor
Flash point: >135°C (275°F) COC
Density: 0.853 – 0.865 g / cm³ at 15 deg C (59 Deg F)
Solubility: Insoluble in water
Flammability: Low fire hazard. This material must be heated before ignition will occur.
Boiling Point: N / A
Vapor Pressure: < 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: 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
HMIS CODE	Health: 1	Fire: 1	Reactivity: 0

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