

# 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 MW - 612</b>
Chemical Family	Polymer-In Water-In Oil Emulsion
Product Use	Antimisting Additive
CAS Registry Number	Mixture
Revision Date	June 15, 2017

Manufacturer: Functional Products, Inc.  
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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° 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) 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 #
Copolymer	20 – 40	Proprietary
Petroleum Distillate	20 – 30	64742-47-8
Water	30 – 55	7732-18-5

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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: > 93° C / 200° F  
Upper Flammable Limit: Not determined.  
Lower Flammable Limit: Not determined.  
Extinguishing Media: In case of fire, use water, foam dry chemicals or CO<sub>2</sub>.  
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 of this product are very slippery. Spilled material should be absorbed onto an inert material and scooped up. The area should be thoroughly flushed with water and scrubbed to remove residue.

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

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Handling: Avoid contact with eyes and skin. Wash thoroughly after handling.  
Storage: This material reacts slowly with iron, copper, and aluminum, resulting in corrosion and product degradation. Avoid using iron, copper or aluminum containers or equipment.

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

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Ventilation: Use with adequate ventilation to control exposure.  
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 any potential for uncontrolled release or exposure levels are not known.

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**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State:	Viscous liquid
Color:	Opaque
Odor:	Slight hydrocarbon odor
Specific Gravity:	1.0
Solubility:	Appreciable
PH:	4.6
Evaporation Rate:	< 1 (Butyl acetate – 1)
Melting Point:	-18°C (0°F)

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**Section 10: STABILITY AND REACTIVITY**

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Stability:	The product is stable.
Incompatibility:	Strong oxidizing agents. This material reacts slowly with iron, copper or aluminum, resulting in corrosion and product degradation.
Conditions To Avoid:	None known.
Hazardous Decomposition:	CO, CO <sub>2</sub> , ammonia and/or oxides of nitrogen.
Polymerization:	Will not occur.

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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.
IMO	Not regulated.
ICAO/IATA	Not regulated.
Transport Canada	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 - DHL 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: 2 Fire: 1 Reactivity: 0

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