

## 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 DM-240</b>
Chemical Family	Ethylene/Propylene Oxide Copolymer in Ester
Product Use	Lubricant Additive - Demulsifier
Cas Registry Number	Mixture
Revision Date	January 5 <sup>th</sup> 2022

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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 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]

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### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

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Substance/ Preparation	% (W/W)	CAS #
Synthetic Ester	85 – 95	Proprietary
Ethylene Oxide/Propylene Oxide Copolymer	5 – 15	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:	Immediately get medical attention. Do not induce vomiting. If vomiting occurs, keep head below hips to avoid breathing the products into the lungs.
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:	182° C / 460° F
Upper Flammable Limit:	Not determined.
Lower Flammable Limit:	Not determined.
Extinguishing Media:	In case of fire, use water, foam dry chemicals or CO2.
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. Ventilate area and avoid breathing vapor or mist.
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: Avoid contact with eyes and skin, Wash thoroughly after handling. Avoid breathing vapor or dust. Keep away from heat, sparks and flames.  
Storage: Keep container tightly closed, in cool, well-ventilated and dry area.

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## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Ventilation: Use with adequate ventilation to control fumes.  
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: Liquid.  
Color: Light Yellow.  
Odor: Strong.  
Specific Gravity: 0.945 g/mL (water=1).  
Density; 7.72 LB/US gal.  
Solubility: Insoluble in water.

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## Section 10: STABILITY AND REACTIVITY

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Stability: The product is stable.  
Incompatibility: Strong oxidants.  
Conditions To Avoid: Excessive temperature.  
Hazardous Decomposition: CO, organic oxidation products.  
Polymerization: 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  
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  
Taiwan Listed - TCSI  
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: 0 Fire: 1 Reactivity: 0  
HMIS Code: Health: 0 Fire: 1 Reactivity: 0

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