SAFETY DATA SHEET

According to REACH, Regulation (EC) Nº 1907/2006 and amendments

Section 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>FUNCTIONAL V-808</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Family</td>
<td>Viscosity Modifier</td>
</tr>
<tr>
<td>Product Use</td>
<td>Thickener for aqueous systems</td>
</tr>
<tr>
<td>CAS Registry Number</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Revision Date</td>
<td>November 14, 2014</td>
</tr>
</tbody>
</table>

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E-mail: SDS@functionalproducts.com

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E-mail: lumarr@lumarquimica.com

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Europe + 34 93 594 75 00 (08:00 -13:00  14:00-17:00)
France (ORFILA): + 33 (0)1 45 42 59 59

Section 2: HAZARDS IDENTIFICATION

This material has no known hazards.

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to Regulation (EC) Nº 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) No 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

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

None of the ingredients are hazardous.

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: Not determined
Upper Flammable Limit: Not determined
Lower Flammable Limit: Not determined
Extinguishing Media: In case of fire, use CO2, 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.
Environmental Precautions And Clean Up Methods: Spilled material will cause a slipping hazard. Spills should be contained, absorbed and containerized for disposal in accord with local, state and federal regulations. Use of sand, diatomaceous earth, or sawdust is recommended. Prevent entry to sewers and water-way.

Section 7: HANDLING AND STORAGE

Handling: Good housekeeping and controlling of dusts are necessary for safe handling of product. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Wash thoroughly after handling.
Storage: Keep container tightly closed, in a cool, dry 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 if there is the potential for dust exposure.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder
Color: White
Odor: None to Mild
Density: Not determined
Solubility: Soluble in water
Boiling Point: Not applicable
Flash Point: Not determined
Section 10: STABILITY AND REACTIVITY

Stability: The product is stable at normal use temperatures.
Incompatibility: Strong oxidants, strong acids and bases
Conditions To Avoid: High temperatures in a sealed container
Hazardous polymerization will not occur

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. Do not allow product to reach water ways, or dispose in sewage systems.

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 - DHL
WHMIS – not controlled.
Korea Listed - KECI
New Zealand Listed - NZIoC
Philippines Listed - PICCS

Section 16: OTHER INFORMATION

NFPA CODE Health: 1 Fire: 0 Reactivity: 0

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