**Innovative Chemistry for Lubricants** 

# **SAFETY DATA SHEET**

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

# Section 1: PRODUCT AND COMPANY IDENTIFICATION

|   | Product Name        | FUNCTIONAL V-802  |  |
|---|---------------------|---|--|
|   | Chemical Family     | Tackifier   |  |
|   | Product Use         | Aqueous thickener and tackifier   |  |
|   | CAS Registry Number | Proprietary   |  |
|   | Revision Date       | June 15, 2017   |  |
| Manufacturer:                                 |                     | Functional Products, Inc.<br>8282 Bavaria Road<br>Macedonia, Ohio 44056, USA<br>Tel (USA): + 1 330-963-3060<br>Fax (USA): + 1 330-963-3322<br>E-mail: <u>SDS@functionalproducts.com</u> |  |
| European Supplier:                            |                     | Lumar Quimica S.L.U.<br>Milanesat, 25-27, 4t. 1a.<br>08017 Barcelona<br>Spain<br>Tel: + 34 93 594 75 00<br>Fax: + 34 93 594 75 01<br>E-mail: <u>lumar@lumarquimica.com</u>              |  |
| Emergend<br>United Sta<br>Europe<br>France (C |                     | + 330-963-3060 (8:00AM-5:00PM EST)<br>+ 34 93 594 75 00 (08:00 -13:00 14:00-17:00)<br>+ 33 (0)1 45 42 59 59   |  |

# Section 2: HAZARDS IDENTIFICATION

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

<u>According to Regulation (EC) N<sup>0</sup> 1272/2008 [CLP]</u> 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

<u>Globally Harmonized System, EU (GHS)</u> 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

| Section 3: COMPOSITION / INFORMATION ON INGREDIENTS |  |
|---|--|
|   |  |

| Substance/Preparation | % (w/w) | CAS #       |
|-----------------------|---------|-------------|
| Water                 | 75 – 85 | 7732-18-5   |
| Polymer               | 0 - 10  | Proprietary |
| Propylene Glycol      | 15 - 25 | 57-55-6     |

# 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.<br>Never give anything to drink to an unconscious person. Get<br>medical attention if symptoms appear. |

Skin Contact:Wash with soap and water. Get medical attention if irritation<br/>develops.Eye Contact:In case of contact, immediately flush eyes with plenty of<br/>water for at least 15 minutes. Get medical attention if<br/>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      | Oxides of carbon, smoke and   |
| Products:                 | 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<br>should be contained, absorbed and containerized for<br>disposal in accord with local, state and federal<br>regulations. Use of sand, diatomaceous earth, or<br>sawdust is recommended. Prevent entry to sewers<br>and water-way. |

### 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 if there is the potential |
|                    | for mist exposure  |

# Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| Physical State: | Liquid                               |
|-----------------|--------------------------------------|
| Color:          | White, opaque                        |
| Odor:           | Mild                                 |
| Density:        | 1.01 g / cm3 at 15 deg C (59 Deg F)  |
| Solubility:     | Soluble in water and polar solvents. |
| Boiling Point:  | 100°C (212°F)                        |
| Flash Point:    | Not determined                       |

### Section 10: STABILITY AND REACTIVITY

| Stability:           | The product is stable.                   |
|----------------------|--|
| Incompatibility:     | Strong oxidants, strong acids and bases. |
| Conditions To Avoid: | High temperatures in a sealed container. |

#### 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              | Not Regulated |
|----------------------|---------------|
| Land & Air Transport | Not Regulated |
| Marine Transport     | Not Regulated |

#### Section 15: REGULATORY INFORMATION

| U.S. TSCA Inventory:<br>Other TSCA Reg.:<br>SARA EXT. HAZ. SUBS:<br>SARA Section 313:<br>CERCLA:<br>CAL. PROP. 65:<br>Japan MITI:<br>Australia:<br>Europe: | Yes<br>No<br>No<br>No<br>Listed - MITI<br>Listed - AICS<br>Listed - EINECS |
|--|--|
| Europe.  | Polymers are exempt from EINECS inventory under the polymer exemption.     |
| China  | Listed - IECSC   |
| Canada   | Listed - DHL<br>WHMIS – not controlled.                                    |
| Korea<br>New Zealand<br>Philippines  | Listed - KECI<br>Listed - NZIoC<br>Listed - PICCS                          |

#### **Section 16: OTHER INFORMATION**

NFPA CODE

Health: 1 Fire: 0 Reactivity: 0

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