1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / UNDERTAKING

PRODUCT NAME: MICRAL® 916
MANUFACTURER: J.M. Huber Corporation
1000 Parkwood Circle Suite 1000
Atlanta, GA 30339
Tel: 678-247-7300
EMERGENCY TELEPHONE: CHEMTREC: 800-424-9300 or 703-527-3887 International
INTERNET: www.hubermaterials.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This is a non-combustible, odorless white powder.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Dust may cause mechanical irritation to eyes.
INHALATION: Inhalation of dust may cause respiratory tract irritation.
CARCINOGENICITY: This product is not listed as a carcinogen by the IARC, NTP or OSHA.

POTENTIAL ENVIRONMENTAL EFFECTS: Not considered to be harmful to aquatic life.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Trihydrate</td>
<td>21645-51-2</td>
<td>100</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYE CONTACT: Hold eyelids apart and flush eyes with a steady, gentle stream of water for several minutes.
INHALATION: Remove person to fresh air.
GENERAL ADVICE: In case of doubt or when symptoms persist, seek medical attention.

5. FIRE-FIGHTING MEASURES
EXTINGUISHING MEDIA: Non-combustible. All extinguishing media can be used. Use suitable media appropriate for the surrounding fire.

UNSAFE EXTINGUISHING MEDIA None.

SPECIAL EXPOSURE HAZARDS: None.

SPECIAL PROTECTIVE EQUIPMENT: Firefighters should wear protective clothing and use equipment that is suitable for the materials involved in the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid dust formation. In case of exposure to high levels of airborne dust, wear a personal respirator in compliance with national legislation.

ENVIRONMENTAL PRECAUTIONS: This product does not present any particular risk to the environment. Refer to applicable national, state and local regulations prior to washing in drain.

CLEAN UP METHODS: Collect mechanically and or by flushing with water. Avoid dry sweeping. Use water spraying or ventilated vacuum system to prevent dust formation.

7. HANDLING AND STORAGE

HANDLING: Avoid dust formation. Provide appropriate exhaust ventilation in places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment.

STORAGE: Store in a dry area. Keep containers closed and protect from physical damage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES:

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>OSHA:</th>
<th>ACGIH:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Trihydrate</td>
<td>15 mg/m³ Total Dust</td>
<td>10 mg/m³ Total Dust</td>
</tr>
<tr>
<td></td>
<td>5 mg/m³ Respirable Dust</td>
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</tr>
</tbody>
</table>

ENGINEERING CONTROLS: Use mechanical ventilation (dilution and local exhaust) to control exposure.

EYE PROTECTION: Safety glasses with side shields.

SKIN AND BODY PROTECTION: Use suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure potential.

HAND PROTECTION: Impervious gloves chemical resistant.

RESPIRATORY PROTECTION: In case of exposure to high levels of airborne dust, wear a respirator in compliance with national legislation.

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice.

ENVIRONMENTAL EXPOSURE: This product does not present any particular risk for the environment. Refer to applicable national, state and local regulations prior to washing in drain.

9. PHYSICAL CHEMICAL PROPERTIES

APPEARANCE: White Powder

ODOUR: Odourless.

MICRAL® 916
10. STABILITY AND REACTIVITY

STABILITY: Stable under ambient temperature (21°C) and pressure (760 mm Hg).
CONDITIONS TO AVOID: None
MATERIALS TO AVOID: Strong Acids Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: None

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: LD50 Oral (rat) > 5000 mg/kg
EYE IRRITATION: Slightly irritating, not classified.
SKIN IRRITATION: Non-irritating.
SENSITIZATION: Does not cause sensitization.
CHRONIC TOXICITY: No evidence of mutagenic, reproductive or carcinogenic effects.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: EC50 (Fish) > 10000 mg/l  EC50 (Daphnia > 10000 mg/l)
MOBILITY: Inert material.
PERSISTENCE / DEGRABILITY: Non-degradable
BIOACUMULATIVE POTENTIAL: Inert Material
OTHER ADVERSE EFFECTS: None known.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with local, state and national regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

15. REGULATORY INFORMATION

NFPA: HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0
HMIS: HEALTH: 1  FLAMMABILITY: 0  PHYSICAL HAZARD: 0
HARMONIZED TARIFF CODE: 2818 3000

pH: 8.4-10.2, 5% water suspension  FLASH POINT: Non-combustible.
DENSITY: 2.4 g/cm3, 20°C  WATER SOLUBILITY: Insoluble
DECOMPOSITION TEMPERATURE: 200°C
AUSTRALIA AICS: Aluminum trihydrate 21645-51-2

CANADA DSL: Aluminum trihydrate 21645-51-2

CHINA IECSC: Aluminum trihydrate 21645-51-2

EUROPE EINECS: Aluminum trihydrate 244-492-7

JAPAN ENCS: Aluminum trihydrate 1-17

KOREA KECI: Aluminum trihydrate KE-00980

PHILIPPINES PICCS: Aluminum trihydrate 21645-51-2

US TSCA: Aluminum trihydrate 21645-51-2

SARA 311 / 312 HAZARD: None

SARA 313 SUBSTANCES: None

CERCLA RQ: None

CLEAN AIR ACT: The components of this product are not regulated under any of the following sections of the Clean Air Act: Section 111 Volatile Organic Compounds, Section 112 Hazardous Air Pollutants, Section 112 Statutory Air Pollutants, Section 112 High-Risk Pollutants, Section 112(r) Accidental Release Prevention Substances or Section 602 Ozone Depleting Substance. As a powder product, it would be regulated under Section 109 Criteria Pollutants particulates.

PROPOSITION 65: This product contains no chemicals at levels known to the State of California to cause cancer or reproductive hazards.

CONEG: We certify that heavy metals defined as lead, mercury, cadmium and hexavalent chromium are not intentionally introduced to this product and with respect to lead, mercury, cadmium and hexavalent chromium, the incidental level of these four metals is less than 100 ppm.

FDA: 176.210, 177.1200, 177.2600, 182.90 May be used in accordance with the following 21 CFR Sections:

16. OTHER INFORMATION

The information contained in this Safety Data Sheet to the best of J.M. Huber's knowledge and belief as of the date indicated is believed to be accurate and reliable. However, no representation, warranty or guarantee is implied or expressed regarding the accuracy, reliability or completeness of this information or the use of the product. Nothing contained herein should be construed as a recommendation to use this product in conflict with National or local regulations or existing patents covering any material or its use.

END OF MATERIAL SAFETY DATA SHEET