

Methocel

MSDS No: #004 Date: 09/16/10

1. Product Identification

Product Name: Methocel

Product Code: #004

2. Hazardous Ingredients

Hazardous Components: Hydroxypropyl methylcellulose, water, sodium chloride, proprietary polyglycol, carboxylic acid and aldehyde.

3. Physical Data

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Soluble

Appearance: White to slightly off-white free flowing powder

Specific Gravity: N/A

Melting Point: N/A

pH: N/A

Density: N/A

4. Fire and Explosive Data

Flash Point: N/A

Auto Ignition: N/A

Extinguishing Media: Water, fog

Special Fire Fighting Procedures: Use positive-pressure, self-contained breathing apparatus.

Unusual Fire or Explosive Hazards: Minimum explosive dust concentration is 0.03 oz/cu ft. Similar to flour or grain dusts; keep clouds of such dust away from possible ignition sources.

5. Reactivity Data

Stability: Stable

Incompatibility (materials to avoid): Oxidizing materials

Hazardous Decomposition Products: Same as wood or paper

Polymerization: Will not occur

Conditions to Avoid: Avoid dust clouds or layers

6. Health Effects Data

Routes of Entry: Solid or dust may cause irritation or corneal injury due to mechanical action. Essentially non-irritating to skin. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Single dose oral toxicity is low. No hazards anticipated from ingestion incidental to industrial exposure. The oral LD50 for rats is >10,000 mg/kg. Single exposure to dust is not likely to be hazardous.

Systemic & Other Effects: Based on available data, repeated exposures are not anticipated to cause any significant adverse effects. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus.

Carcinogenic: N/A

Medical Conditions Aggravated by Exposure: N/A

7. Emergency and First Aid Procedures

Eye Contact: Irrigate immediately with water for at least five minutes.

Skin Contact: no adverse effects anticipated by this route of exposure.

Inhalation: No adverse effects anticipated by this route of exposure

Ingestion: No adverse effects anticipated by this route of exposure

8. Employee Protection Recommendations

Eye Protection: Chemical goggles

Skin Protection: None

Respiratory Protection: NIOSH approved dust mask

Ventilation: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines

9. Spill or Leak Procedures

In Case Material is Released/Spilled: Sweep up and use if possible, or discard using disposal method listed below

Waste Disposal Method: Preferable method is to dispose in landfill. Disposal can also be accomplished by incineration under controlled conditions to eliminate dust explosions. In both methods, disposal techniques should be in compliance with applicable federal, state and local laws and regulations regarding management, use, handling, treatment, storage, disposal and transportation of used chemicals.

10. Handling & Storage

Use reasonable caution and personal cleanliness. Cellulose ethers are water-soluble polymers that form aqueous dispersions by swelling and successful hydration of their structural layers. There is no sharp solubility limit. CAUTION: Under certain conditions a fine dust of this material in air may cause a dust explosion when exposed to heat, sparks and open flame. If material spills and gets wet, could cause slipping hazard

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