



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

MICROCRYSTALLINE CELLULOSE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

| | | |
|---------------------------------------|----------------------------|--------------|
| American International Chemical, Inc. | Emergency Number: Chemtrec | 800-424-9300 |
| 135 Newbury Street | | 703-527-3887 |
| Framingham, MA 01701 | Information Number: | 800-238-0001 |

Date: November 2009

Synonyms: MCC

CAS #: 9004-34-6

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Microcrystalline Cellulose 99% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White free flowing powder with little or no known health hazards. Formation of dusts clouds may cause an explosion.

POTENTIAL HEALTH EFFECTS

Eyes: May cause irritation.

Skin: Relatively non-irritating.

Inhalation & Ingestion: No adverse human effects known.

CARCINOGENICITY: Not listed under OSHA, IARC, or NTP.

SECTION 4 - FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for 15 minutes.

Skin: Wash off with soap and water.

Inhalation: Remove to the fresh air.

Ingestion: Wash out mouth, then dilute by drinking several glasses of water.

With All Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures: Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard: Dust clouds may be explosive.

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

Use chemical goggles to protect eyes from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

| | | | | |
|------------------|-------|-----|----------------------|-------------------|
| EXPOSURE LIMITS: | ACGIH | TWA | 10 mg/m ³ | as inhalable dust |
| | OSHA | TWA | 15 mg/m ³ | as inhalable dust |

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): Not Applicable

Bulk Density: 0.28 - 0.35 g/cc

Percent Volatile by Volume (%): Not Applicable

Melting Point: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Insoluble

pH: 5.0 - 7.0 as an 11% solids dispersion.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

KEEP AWAY FROM: None Known

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

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RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME:.....Flour Cellulose Edible Not Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):

This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Not Considered a Hazard.

SECTION 16 - OTHER INFORMATION

| | | |
|---------------------|-----------------------|-------------|
| NFPA Rating: | Fire | 1 |
| | Health | 0 |
| | Reactivity | 0 |
| | Special Hazard | None |

Reason for Issue: Removed previous synonym.

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