

Material Safety Data Sheet

Quick Identifier:
Metro Instant Starch

Section 1

Metro-Chem, Inc.
24 Pennsylvania Avenue
Post Office Box 401
Kearny, NJ 07032

Emergency Phone No. 800-424-9300
Other Information 973-589-2800
Date Prepared: November 11, 1988
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Section 2 Hazardous Ingredients\identity

HAZARDOUS COMPONENT/CHEMICAL & COMMON NAME: Nuisance Dust
Starch, 2-hydroxy-3-trimethylammonium chloride propylether

CAS NO. 56780-58-6

Total Dust: OSHA PEL: 15 mg/M3 ACGIH TLV: 10 mg/M3 OTHER EXPOSURE LIMITS: n/a

Respirable Fraction: OSHA PEL: 5 mg/M3 ACGIH TLV, OTHER EXPOSURE LIMITS: n/a

Section 3 Physical & Chemical Characteristics

BOILING POINT: n/a

SPECIFIC GRAVITY (H2O=1): n/a

VAPOR PRESSURE (mm Hg): n/a

VAPOR DENSITY (Air=1): n/a

PERCENT, VOLATILE BY WEIGHT (%) MOISTURE: 12 maximum

SOLUBILITY IN WATER: 90 percent minimum

REACTIVITY IN WATER: n/a

APPEARANCE AND ODOR: Off-white powder, perfume scent

MELTING POINT: n/a

Section 4 Fire and Explosion Hazard Data

FLASH POINT: METHOD USED: n/a

FLAMMABLE LIMITS: LEL LOWER, UEL UPPER: n/a

AUTO-IGNITION TEMPERATURE: n/a

EXTINGUISHER MEDIA: Water spray, carbon dioxide, dry chemical extinguisher.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid procedures which could form a dust cloud.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product dust may form an explosive mixture with air.
Avoid conditions which produce dust.

Section 5 Physical Hazards (reactivity data)

STABILITY: Stable CONDITIONS TO AVOID: Practices which produce dust.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Practices which produce dust

Section 6 Health Hazards

1. ACUTE (Immediate): No information found

2. CHRONIC (Delayed Effect): No information found

SIGNS AND SYMPTOMS OF EXPOSURE: Dust may be irritating to nose and eyes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No information found

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: NO I.A.R.C. MONOGRAPHS: NO OSHA: NO

EMERGENCY AND FIRST AID PROCEDURES:

ROUTES OF ENTRY

1. INHALATION: Remove to fresh air.

2. EYES: Flush with plenty of water.

3. SKIN: None necessary

4. INGESTION: None necessary

Section 7 Precautions and Spill\Leak Procedures

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store away from heat source. Avoid handling procedures which produce dust.

OTHER PRECAUTIONS: None

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up with explosion proof vacuum cleaner. Avoid production of dust.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): Send to sanitary landfill or incinerate.

Section 8 Special Protection Information\Control Measures

RESPIRATORY PROTECTION (Specify Type): NIOSH approved dust respirator recommended.

VENTILATION: LOCAL EXHAUST: Adequate MECHANICAL (General): n/a

SPECIAL: n/a OTHER: n/a

PROTECTIVE GLOVES: not necessary

EYE PROTECTION: Safety glasses or glasses may be desirable when dumping bags.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: none needed

WORK/HYGIENIC PRACTICES: Eye wash stations and safety showers should be handy.

We believe the information contained herein is true; however, no warranties, expressed or implied, are made or intended herein with respect to such information.