

Material Safety Data Sheet

Quick Identifier:
World Class 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
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Section 2 Hazardous Ingredients\identity

HAZARDOUS COMPONENT: CHEMICAL/COMMON NAME: Starch, Nuisance Dust CAS NO. Not Applicable
OSHA PEL: N/A ACGIH TLV: N/A OTHER EXPOSURE LIMITS: N/A
DOT SHIPPING INFORMATION: Not applicable, cleaning compound, solid, N.O.S.

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 SOLUBILITY IN WATER: Substantially Soluble
REACTIVITY IN WATER: Soluble in water APPEARANCE AND ODOR: Dry powder, typical soap odor
MELTING POINT: N/A

Section 4 Fire and Explosion Hazard Data

FLASH POINT: N/A METHOD USED: N/A
FLAMMABLE LIMITS IN AIR % BY VOLUME: N/A LEL LOWER: N/A UEL UPPER: N/A
AUTO-IGNITION TEMPERATURE: N/A EXTINGUISHER MEDIA: Water
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to prevent dust-air mixture.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust-air mixtures may be explosive. The minimum ignition temperature reported for dry corn starch, through 200 mesh, is 380°C (116°F). The minimum explosive concentration of a dust cloud is 0.04 oz/cu. FT. Avoid open lights, flames or welding in area of dry product

Section 5 Physical Hazards (reactivity data)

STABILITY: Stable CONDITIONS TO AVOID: Any air movement which can create clouds of starch, open flames, smoking materials, welding operations, etc.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon
HAZARDOUS POLYMERIZATION: Will not occur

Section 6 Health Hazards

1. ACUTE (Immediate): Dust Irritant

2. CHRONIC (Delayed Effect): None

SIGNS AND SYMPTOMS OF EXPOSURE: None

MEDICAL CONDITIONS GENERALLY ACCRAVATED BY EXPOSURE: None

CHEMICAL LISTED AS CARCNOGEN OR POTENTIAL CARCINOGEN: None

NATIONAL TOXICOLOGY PROGRAM: None

I.A.R.C. MONOGRAPHS: None

OSHA: None

ROUTES OF ENTRY

INHALATION: As dust

EYES: As dust, irritant

SKIN: No hazard

INGESTION: Unlikely, but may cause nausea

Section 7 Precautions and Spill\Leak Procedures

PRECAUTIONS TO BE TAKEN IN HANDLNG AND STORAGE: Avoid handling procedures which produce dust.

OTHER PRECAUTIONS: Not required

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and/or flush clear with water, avoid production of dust.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): Dispose of in an approved solid waste disposal area per current regulations.

Section 8 Special Protection Information\Control Measures

RESPIRATORY PROTECTION (Specify Type): Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area.

VENTILATION: LOCAL EXHAUST: Use local or general exhaust ventilation.

MECHANICAL: N/A

SPECIAL: N/A

OTHER: N/A

PROTECTION GLOVES: Not required

EYE PROTECTION: Suggested, but not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Suggested, but not required

WORK/HYGIENIC PRACTICES: Do not create dust clouds when working with starch

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