## Material Safety Data Sheet

Quick Identifier: Platinum Premium Starch

Section 1

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

Emergency Phone No. 800-424-9300 Other Information 201-589-2800 Date Prepared: January 14, 1994 Last Revision: April 21, 1998

# Section 2 Hazardous Ingredients\identity

HAZARDOUS COMPONENT/CHEMICAL & COMMON NAME: Non-Hazardous, Carbohydrate

OSHA PEL, ACGIH TLV, OTHER EXPOSURE LIMITS: not applicable

# Section 3 Physical & Chemical Characteristics

BOILING POINT: not noted

SPECIFIC GRAVITY (H20=1): 1.500

VAPOR PRESSURE (mm Hg): not noted

VAPOR DENSITY (Air=1): not noted

SOLUBILITY IN WATER: soluble

REACTIVITY IN WATER: none

APPEARANCE AND ODOR: white powder with starch odor

MELTING POINT: not noted

MOLECULAR WEIGHT: >10,000

## Section 4 Fire and Explosion Hazard Data

FLASH POINT: net noted F. C. METHOD USED: not applicable.

FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL LOWER, UEL UPPER: not applicable.

AUTO-IGNITION TEMPERATURE: 390 degrees C

FIRE & EXPLOSION HAZARDS: Minimum ignition temperature of dust cloud approximately 390 degrees C. Minimum explosive concentration approximately 70mg/l. Minimum energy to ignite cloud by electrical spark approximately 0.06 joules.

NFPA FLAMMABILITY HAZARD CLASS: 0 = Insignificant.

EXTINGUISHER MEDIA: Dry chemical, CO2, Water fog, or Foam

SPECIAL FIRE FIGHTING PROCEDURES: none required.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

# Section 5 Physical Hazards (reactivity data)

STABILITY: Stable

CONDITIONS TO AVOID: none

INCOMPATIBILITY (MATERIALS TO AVOID): none

HAZARDOUS DECOMPOSITION PRODUCTS: This product does not undergo spontaneous decomposition.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: none

### Section 6 Health Hazards

- 1. ACUTE (Immediate): Eye irritant. Particulate may scratch eye surfaces causing mechanical irritation.
- 2. CHRONIC (Delayed Effect): none

SIGNS AND SYMPTOMS OF EXPOSURE: Eye irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: none

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

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

#### EMERGENCY AND FIRST AID PROCEDURES:

#### ROUTES OF ENTRY

- 1. INHALATION: Low order of toxicity. Remove to fresh air.
- EYES: Irritant. Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
- SKIN: Low order of toxicity. Wash with soap and water.
- 4. INGESTION: No hazard in normal industrial use.

### Section 7 Precautions and Spill\Leak Procedures

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Normal precautions for "nuisance dust" should be observed. Store in dry area.

OTHER PRECAUTIONS: none necessary.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or vacuum up and place in suitable container for disposal.

WASTE DISPOSAL METHODS: In accordance with existing federal, state, and local regulations.

### Section 8 Special Protection Information\Control Measures

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

VENTILATION: LOCAL EXHAUST, MECHANICAL: adequate.

SPECIAL, OTHER: none required.

PROTECTIVE GLOVES: none required.

EYE PROTECTION: Safety glasses recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: not applicable.

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.