DPM 1453-1

MATERIAL SAFETY DATA SHEET

(Approved by U. S. Department of Labor "Essentially Similar" to Form OSHA-20)

I. Manufacturer's Name: AMCHEM PRODUCTS, INC.
Address (number, street): Brookside Avenue
(City, state, zip code): Ambler, PA 19002
Emergency Telephone Number:
Information Supplied by:
Date: Title:

Product Trade Name: ALODINE 1200S
Chemical Name & Synonyms:
Chemical Family: Formula:
National Fire Protection Association 704M Signal (or estimate)
Health Fire Reactivity Specific Hazard

II. HAZARDOUS INGREDIENTS

MATERIAL	% SOLID	TLV (Units)	MATERIAL	%	TLV (Units)
Chromic Acid	50-60	OXIDIZER	Ferricyanide Salt	10-20	
Simple and Complex Fluoride Salts	30-40				

III. PHYSICAL DATA

a. Boiling point (°F)
b. Vapor pressure (mm Hg)
c. Vapor density (Air = 1)
d. Solubility in water (%): very
e. Specific gravity (H_2O = 1)
f. Per cent volatile by volume
g. Evaporation rate (= 1)
h. Appearance & odor: Orange powde slight acidic c

IV. FIRE AND EXPLOSION HAZARD DATA

a. Flash point (state method, °F): NONE
b. Ignition temperature (°F)
c. Flammable limits in air, LEL UEL
d. Extinguishing media: water
e. Special fire fighting procedures: Do not allow powder to come in contact with organic mate
f. Unusual fire and explosion hazards: such as sawdust, rags, paper, etc.

V. HEALTH HAZARD DATA

a. Physiological Properties:

1. Acute oral toxicity (LD_{50} if available):
2. Local effects to eyes:
3. Local effects to skin:
4. Sensitizing effects:
5. Dermal absorption (LD_{50} if available):
6. Inhalation effects (LC_{50} if available): Ulceration of mucous membranes.
7. Threshold Limit Value (or estimate): 0.1 mg./M^3 (air); 0.05 ppm (water) based on Cr^{+6}

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Product Name ALODINE 1200S

V.

b. Emergency and First Aid Procedures:

1. Ingestion: Drink milk of magnesia, aluminum hydroxide gel, or limewater followed by several glasses of water. Call a doctor.
2. Eye Contact: Flush with large amounts of water. Call a doctor.
3. Skin Contact: Wash thoroughly with soap and water immediately.
4. Inhalation:

Other Health Data:

VI. REACTIVITY DATA

a. Stability: Stable X Unstable ____ Conditions to avoid:

b. Incompatible Materials:

c. Hazardous Decomposition Products:

d. Hazardous Polymerization: May occur ____ Will not occur X Conditions to avoid:

VII. SPILL OR LEAK PROCEDURES

a. Steps to be taken for spill or leak: Transfer contents to a clean lined polyethylene drum. Discard broken container after r ~~with water.~~

b. Waste disposal methods: Reduce with bisulfite and then neutralize with lime.

VIII. SPECIAL PROTECTION INFORMATION

a. Respiratory protection (Specify type) requirements: Filter type dust respirator 30CFR14 (Must meet N.I.O.S.H. standards)

b. Ventilation requirements (local exhaust, general dilution, special): Local: Exhaust fan

c. Protective gloves required: Rubber

d. Eye protection required: Goggles, face shields

e. Other required equipment: Aprons

IX. SPECIAL PRECAUTIONS

a. Precautionary label required? If yes, please attach.

b. Precautions to be taken in handling and storing: Do not allow organic materials such as sawdust, rags, etc., to becom ture with Alodine 1200S application as they may be easily ignited when dry.

c. Other precautions: Keep container closed. Do not get in eyes, on skin, on clothing. Do not breathe dus

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