FEB 21 1980 DPR 5254-4

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: DEOXIDIZER 16 REPLENISHER
Chemical Name & Synonyms:
Chemical Family: Formula:
National Fire Protection Association 704M Signal (or estimate)
Health Fire Reactivity Specific Hazard

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (Units)	MATERIAL	%	TLV (Units)
Chromic Acid	15-20	CORROSIVE			
Hydrofluoric Acid	5-10	CORROSIVE			

III. PHYSICAL DATA

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

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IV. FIRE AND EXPLOSION HAZARD DATA

a. Flash point (state method, °F)
b. Ignition temperature (°F)
c. Flammable limits in air, LEL UEL
d. Extinguishing media: Contains some oxidizing agents. In contact with organic matter or reducing agents may cause violent reaction.
e. Special fire fighting procedures:
f. Unusual fire and explosion hazards:

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: May cause ulceration of skin.
4. Sensitizing effects:
5. Dermal absorption (LD_{50} if available):
6. Inhalation effects (LC_{50} if available): May cause ulceration of mucous membranes.

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Product Name DEOXIDIZER 16 REPLENISHER

b. Emergency and First Aid Procedures:

1. Ingestion: Drink milk of magnesia, aluminum hydroxide gel, or limewater followed by several glasses of milk. Call a doctor.
2. Eye Contact: Flush with copious amounts of water for 15 minutes. CAll a doctor.
3. Skin Contact: Flush with water. Use sodium bicarbonate to neutralize acids.
4. Inhalation:

Other Health Data:

I. REACTIVITY DATA

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

Incompatible Materials: Organic solvents or reducing agents.

c. Hazardous Decomposition Products:

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

I. SPILL OR LEAK PROCEDURES

a. Steps to be taken for spill or leak: Transfer contents to a clean mild steel, SS or polyethylene lined drum. Discard broken container after rinsing thoroughly with water.

b. Waste disposal methods: Neutralize with bisulfite and then lime.

I. SPECIAL PROTECTION INFORMATION

a. Respiratory protection (Specify type) requirements: Acid mist cartridge

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

Protective gloves required: Rubber

d. Eye protection required: Safety glasses

e. Other required equipment: Aprons

K. SPECIAL PRECAUTIONS

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

b. Precautions to be taken in handling and storing: Store separate from other organic solvents or oxidizable materials. Store in a cool, dry area.

c. Other precautions:

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