# 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 1500
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 | 5.0 | | | | |
| Complex Fluoride Salts | 5.0 | | | | |

## III. PHYSICAL DATA

a. Boiling point (°F): 212°F
b. Vapor pressure (mm Hg):
c. Vapor density (Air = 1):
d. Solubility in water (%): 100%
e. Specific gravity ($H_2O$ = 1): 1.052
f. Per cent volatile by volume: 95%
g. Evaporation rate (water = 1): 1.0
h. Appearance & odor: Orange-yellow liquid - no odor

## 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:
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: Corrosive action on skin
4. Sensitizing effects:
5. Dermal absorption ($LD_{50}$ if available):
6. Inhalation effects ($LC_{50}$ if available): Ulceration of mucous membranes.

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