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Item #0395-1207

IODIDES TINCTURE DECOLORIZED

DATE ISSUED: 01/11/01

SECTION I

PRODUCT IDENTIFICATION

PRODUCT NAME: Iodides Tincture Decolorized

FORMULA WT: .00

COMMON SYNONYMS: White Iodides Tincture

PRODUCT CODE: 1207

SECTION II

HAZARDOUS COMPONENTS

Component	Percent	CAS No.
Ammonium Hydroxide	2 - 5%	1336-21-6
Ethyl Alcohol	43 - 49%	64-17-5

SECTION III

PHYSICAL DATA

Boiling Point: 62°C (145°F)

Melting Point: NA

Specific Gravity: (H₂O = 1) 0.77

Solubility: (In water) Complete (in all proportions)

Vapor Pressure: (mmHg) NA

Vapor Density: (Air=1) NA

Evaporation Rate (Butyl Acetate=1): NA

Appearance and Odor: Clear light amber solution with a pungent odor.

% Volatiles by Volume: 92%

SECTION III A

DEGREE OF HAZARD

Degree of Hazard

4 - Extreme	Flammability	3
3 - High	Health	3
2 - Moderate	Reactivity	2
1 - Slight	Special Hazard	0
0 - Insignificant		

SECTION IV

FIRE AND EXPLOSION HAZARDS

Flash Point: 25°C (77°F)

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Firefighting Procedures and Precautions: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool; do not get water inside containers.

Unusual Fire and Explosion Hazards: Gives off flammable vapors. Vapors may form explosive mixture with air. Closed containers exposed to heat may explode.

Toxic Gases Produced: Ammonia, Hydrogen Gas

SECTION V

HEALTH HAZARD DATA

Toxicity test results and safety and health effects are based on the Ammonia content.

Threshold Limit Value (TLV/TWA): 18 mg/m₃ (25 ppm)

Short-Term Exposure Limit (STEL): 27 mg/m₃ (35 ppm)

Permissible Exposure Limit (PEL): 35 mg/m₃ (50 ppm)

Carcinogenicity: NTP: No IARC: No Z List: No **OSHA Reg:** No

Effects of Overexposure: Inhalations of vapors may cause severe irritation or burns of the respiratory system, pulmonary edema, or lung inflammation. Contact with skin or eyes may cause severe irritation or burns. Prolonged eye contact may cause permanent damage to the cornea and blindness may occur. Ingestion may cause severe burning to mouth and stomach. Ingestion is harmful and may be fatal.

SECTION V HEALTH HAZARD DATA (Continued)

Medical Conditions Generally Aggravated by Exposure: None identified.

Routes of Entry: Inhalation, ingestion, eye contact, skin contact

First Aid Instructions for Accidental Exposure:

If on Skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Wash clothing before re-use.

If in Eyes: Flush with large amounts of water while lifting upper and lower lids occasionally.
Get medical attention.

If Inhaled: Provide fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If Swallowed: Do Not induce vomiting; if conscious, give large amounts of water. Follow with diluted vinegar, fruit juice or white of eggs, beaten with water.

SECTION VI REACTIVITY DATA

Stability: Stable

Conditions to avoid: Heat

Incompatibles: Strong acids, alkali metals, strong oxidizing agents, bromine, chlorine, aluminum, copper, brass, bronze, mercury, dimethyl sulfate

Decomposition Products: Ammonia

SECTION VII SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge: Wear self-contained breathing apparatus and full protective clothing. Stop leak if you can do so without risk. Ventilate area. Carefully neutralize spill with dilute HCl. Flush area with flooding amounts of water. (Use caution for spills of this product.)

Disposal Procedures: Dispose in accordance with all applicable federal, state, and local environmental regulations.

SECTION VIII INDUSTRIAL PROTECTIVE EQUIPMENT

Ventilation: Use adequate general or local exhaust ventilation to keep vapor and mist levels as low as possible.

Respiratory Protection: Where exposure is likely to exceed acceptable criteria use NIOSH/MSHA approved respiratory protection equipment. Respirator should be selected based on the form and concentration of contaminant in air and in accordance with OSHA (29 CFR 1910.134).

Eye Protection: Wear safety glasses meeting the specifications of ANSI Standard Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes.

Skin Protection: Wear gloves and protective clothing which are impervious to this product for the duration of anticipated exposure if there is potential for skin contact.

SECTION IX STORAGE AND HANDLING PRECAUTIONS

Special Precautions: Keep container tightly closed. Store in corrosion-proof area.

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise material safety Data Sheets periodically as new information becomes available.