



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300
All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: IODIDES TINCTURE DECOLORIZED

SDS NO.1207

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Iodide Tincture Decolorized

Synonyms: White Iodides Tincture, Decolorized Iodine

Recommended Use: Helps prevent infection in minor cuts, scrapes and burns (external use only)

Manufacturer by: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Category 3: Flammable liquid
Signal Word:	Warning
Hazard Statements:	H226 Flammable liquid and vapor.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
ALCOHOL	64-17-5
IODINE	7553-56-2
POTASSIUM IODIDE	7681-11-0

AMMONIUM HYDROXIDE	1336-21-6
PURIFIED WATER	7732-18-5

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Not determined	Ingestion is harmful and may be fatal. Do NOT induce vomiting unless directed to so by medical personnel. Never give anything by mouth to an unconscious person. If conscious, give large amount of water. Follow with diluted vinegar, fruit juice or white of eggs beaten with water. Get medical attention immediately.
Skin	Not determined	Remove contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention.
Eyes	Not determined	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Flash Point:	25°C (77°F)
Auto Ignition:	Not determined
Extinguishing Media:	Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam. Use water to keep fire-exposed containers cool.
Products of Combustion:	Upon combustion this product, it may emit toxic gases including: carbon oxides, ammonia, hydrogen, and hydrogen iodides etc.
Fire Fighting Equipment and Procedures:	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water get in order to prevent pressure build-up, auto-ignition or explosion.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label directions. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator.
Environmental Precautions:	Prevent discharge to open waters. Very toxic to aquatic organisms due to ammonium hydroxide content.
Method of Containment:	Absorb spilled liquids in inert absorbent material such as clay, vermiculite or diatomaceous earth.
Method for Clean-Up:	Ventilate area of spill or leak. Pump liquid to salvage tank. Mop-up and containerize in approved chemical waste container. Wash spill area with water. Use proper eye shielding (serious eye irritant)

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes. Avoid inhalation of vapor or mist. Stay away from ignition source. Do not take internally. Do not consume food, drink or smoke while handling this product. Keep away from oxidizing agents.
Storage:	Keep container tightly closed and in a dry, cool, and well ventilated place. Opened containers must be resealed and kept upright to prevent leakage. Keep away from all ignition source (sparks or flame). Store in corrosion-proof area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Not required under normal conditions of use
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Use eye protection
Skin Protection:	Handle with latex/nitrile gloves.
Respiratory Protection	Do not use in enclosed spaces
General Hygiene Considerations:	Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear light amber solution with a pungent odor	Upper/Lower Flammability:	Not determined
Odor:	Pungent odor of ammonia and alcohol	Vapor Pressure (mmHg)	Not determined
Odor Threshold:	Not determined	Vapor Density (air = 1)	Not determined
pH:	9.77	Relative Density (H₂O=1):	0.98
Melting point /Freezing Point:	Not determined	Solubility (in water):	Soluble
Boiling point/range:	62 °C	Partition coefficient: n-octanol/water:	Not determined

Flash point	25°C (77°F) - CLOSED CUP	Auto-ignition temperature	Not determined
Evaporation rate (butyl acetate = 1)	Not determined	Decomposition Temperature:	Not determined
Flammability:	Flammable	Viscosity	Not determined

10. STABILITY AND RACTIVITY

Reactivity:	Reacts with oxidizing agents, alkali metals.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous reactions:	Not determined.
Conditions to Avoid:	Heat, sparks, open flame.
Incompatible materials:	Strong acids, alkali metals, oxidizing agents, bromine, chlorine, aluminum, copper, brass, bronze, mercury, zinc, dimethyl sulfate, etc.
Hazardous Decomposition Products:	Carbon oxides, ammonia, hydrogen, other hazardous gases and vapors.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not determined
Skin irritation:	May irritate or burn the skin.
Eye contact damage:	Serious irritating to the eyes. Prolonged exposure to the eye may permanently damage cornea and blindness may occur.
Respiratory damage:	May cause serous irritation to respiratory tract. Over inhalation of vapors may cause pulmonary edema or lung inflammation.
Ingestion overdose:	May affect CNS (restlessness, excitement, drowsiness, weakness, headache, unconscious etc.), may affect metabolism, blood, gastro system, liver. May affect urinary and cardiovascular systems.
Delayed, immediate, or chronic effects from short- and long-term exposure	Prolonged exposure may cause serious damage in eye, liver and respiratory system.
LD50	Not determined
Symptoms associated with exposure:	May cause skin and eye irritation or burn.
Carcinogenicity:	
OSHA:	Not listed
NTP:	Not listed
IARC:	Not listed

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not determined
Chemical degradation:	Not determined.
Biodegradation:	Not determined.
Bioaccumulation potential	Not determined.
Adsorption studies or leaching studies:	Not determined.
Other adverse effects	Not determined.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Tinctures, medicinal
UN number:	1293
UN proper shipping name:	Not available
Transport hazard class(es):	Not available
Packing group number:	PG III
Environmental hazards:	Not applicable
Special precautions:	Keep away from heat, sparks, and ignition sources. Avoid incompatible substances nearby.

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.