



SAFETY DATA SHEET

Issuing Date 20-Sep-2012

Revision Date 15-Dec-2014

Revision Number 2

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: De La Cruz® Decolorized Iodine


Synonyms: Yodo Blanco

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

Supplier: DLC Laboratories, Inc.
 7008 Marcelle St.
 Paramount, CA 90723 USA
 Phone: 562-602-2184
 Emergency Phone: 1-800-858-3889
 Fax: 562-602-1931
 info@dlclabs.com

24-Hour Emergency Number (CHEMTREC)
 1- 800-424-9300

2. HAZARD IDENTIFICATION

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

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
ETHYL 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 percentages 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 egg white 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 skin and 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 sources (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:	Not determined	Relative Density (H₂O=1):	0.98
Melting point	Not determined	Solubility (in water):	Soluble

/Freezing Point:			
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 REACTIVITY

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 serious 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 Flammable
UN number:	1293
UN proper shipping name:	Tinctures, Medicinal Flammable
Transport hazard class(es):	3
Packing group number:	III
Environmental hazards:	Not applicable
Special precautions:	Keep away from heat, sparks, and ignition sources. Avoid incompatible substances nearby.

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status : Reported/Included.

Section 313 Supplier Notifications.

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Canadian Regulations: DSL: included.

European Regulations: EINECS: all chemicals listed.

16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of DLC Laboratories. The data on this sheet relates only to the specific material designated herein. DLC assumes no legal responsibility for use or reliance upon these data.