

Safety
Data
Sheet

Iodine Solution 1%

(Solution of Iodine)

Olathe, KS Tel: 913-390-6184

Emergency phone: 800 424 9300 (Chemtrec)

1. Product Identity

NFPA Rating:

Health 2, Flammability 0, Reactivity 0 Special 0

HMIS Rating:

Health 2, Flammability 0, Physical 1, Reactivity, 0

Product Name:

Iodine Tincture, 1%

Product Number:

27

2. Hazardous Ingredients

Iodine complex:

Irritant



Signal Word: Warning

Hazard Statement: Causes severe eye irritation, can cause skin irritation.

Precautionary Statements: Take time observe label directions. If taken internally, gastric disturbances will result. Keep away from children. Keep away from heat & open flame. Keep container closed when not in use. Avoid contact with eyes. Wash skin thoroughly after handling. Antiseptic.

3. Composition

Iodine complex:

Alpha-(p-nonylphenyl)
omega hydroxypoly
(oxyethylene)-iodine
complex

CAS: 7553-56-2

Surfactant (NP-12):

CAS: 9016-45-9

Water:

CAS 7732-18-5

Weight%:

Iodine Complex: 5%

Water & Surfactant: 95%

4. First Aid Measures	<p>Eye Contact: Immediately flush eyes with plenty of water for five minutes, then remove contact lens if present. Continue flushing for at least 15 minutes. See medical if irritation persists.</p> <p>Inhalation: Move victim to fresh air if inhaled. Seek medical help if breathing is distressed.</p> <p>Ingestion: Do not induce vomiting. Give victim large quantities of milk or water and seek immediate medical attention. Never give anything by mouth to an unconscious person.</p> <p>Skin Contact: Flush with large quantities of water. Seek medical attention if irritation develops.</p>
5. Fire Fighting Measures	<p>Flash Point: NE</p> <p>Est. Explosive Range Limit LEL 0.00% UEL 0.00%</p> <p>Flash Point Method Used: N/A</p> <p>Extinguishing Media: Water, carbon dioxide, dry foam.</p> <p>Special Fire-Fighting Procedure: Not applicable</p> <p>Unusual Fire/Explosion Hazards: Flammable, do not exposure to heat, sparks, open flames or other ignition sources. Emits toxic iodine fumes with exposure to high heat.</p>
6. Accidental Release Measures	<p><u>Steps to take in case of spill, leak or release:</u></p> <p>Dilute with water. Neutralize iodine with sodium metabisulfite or sodium thiosulfate with soda ash. Use clay absorbent.</p>
7. Handling & Storage	<p><u>Precautions to take in handling and storing:</u></p>

8. Control Measures	Store away from heat or open flame. Avoid storage near chlorinated products.
	<u>Other precautions:</u>
	<i>Thoroughly rinse all measuring devices, and store out of reach of children.</i>
	Keep container tightly closed when not using.
	Avoid contamination of food or feed.
	<div> <div>OSHA PEL:</div> <div>ACGIH TLV:</div> </div> <div> <div>NE</div> <div>NE</div> </div>
	<u>Ventilation:</u>
	Adequate ventilation is required. Avoid breathing vapors.
	<u>Protective gloves:</u>
	Protective gloves are recommended.
9. Physical Properties	<u>Eye protection:</u>
	Recommended.
	<u>Other protective clothing or equipment:</u>
	Not required.
	<u>Work or Hygienic Practices:</u>
	Use good personal hygiene when handling this product. Wash hands after use, before smoking or eating, and before using the toilet.
	<div> <div>Appearance:</div> <div>Odor:</div> <div>Specific Gravity:</div> <div>pH:</div> <div>Boiling point:</div> </div> <div> <div>Dark brown liquid</div> <div>Characteristic iodine</div> <div>1.012 @ 25 C°</div> <div>4.5 – 5.2</div> <div>Not applicable</div> </div>

10. Stability & Reactivity	Vapor Pressure:	Not applicable
	Evaporation Rate:	Not applicable
	Solubility in Water:	Complete
	Stability:	Stable at room temperature
	Incompatibility:	Chlorinated products, strong detergents.
	Hazardous decomposition or by-products:	Emits iodine vapors with high temperature.
11. Toxicological Information	Hazardous polymerization:	Will not occur.
	Conditions to avoid:	High temperatures, mixing with chlorinated products.
	<u>Acute Health Effects</u>	
	Eye Contact:	Will cause moderate to severe irritation.
	Inhalation:	Irritating to nose, throat and respiratory tract.
	Ingestion:	Harmful if swallowed. Swallowing will cause irritation to mucous membranes.
	Skin Contact:	None.
	Signs and symptoms: of over exposure	Redness of eyes, burning mucous membrane, upset stomach.
	Aggravated medical conditions:	None
	Supplemental health information:	Persons with a known allergy to shellfish and or iodine should never use this product, or be in contact with this product.
12. Ecological Information	No additional information is available at this time.	

13. Disposal Information	<p><u>Waste disposal method:</u></p>										
14. Transport Information	<p>Follow all local, state and federal regulations.</p> <table> <tr> <td>DOT Class:</td><td>Not hazardous</td></tr> <tr> <td>Hazard Class:</td><td>N/A</td></tr> <tr> <td>UN Number:</td><td>N/A</td></tr> <tr> <td>Package code:</td><td>N/A</td></tr> <tr> <td>Shipping Name:</td><td>Not regulated.</td></tr> </table>	DOT Class:	Not hazardous	Hazard Class:	N/A	UN Number:	N/A	Package code:	N/A	Shipping Name:	Not regulated.
DOT Class:	Not hazardous										
Hazard Class:	N/A										
UN Number:	N/A										
Package code:	N/A										
Shipping Name:	Not regulated.										
15. Regulatory Information	<p><i>This material is exempt from DEA regulation.</i></p> <p><i>The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.</i></p>										
16. Additional Information	<table> <tr> <td>Date Created:</td><td>07/22/2014</td></tr> </table>	Date Created:	07/22/2014								
Date Created:	07/22/2014										