

# centaur

## ANIMAL HEALTH

Safety  
Data  
Sheet

# Iodine Tincture 7%

(Tincture of Iodine)

Olathe, KS Tel: 913-390-6184

Emergency phone: 800 424 9300 (Chemtrec)

### 1. Product Identity

NFPA Rating: Health 0, Flammability 3, Reactivity 0 Special 0  
HMIS Rating: Health 2, Flammability 3, Physical 0, Reactivity, 0

Product Name: Iodine Tincture, 7%  
Product Number: 31

### 2. Hazardous Ingredients

Iodine: Corrosive  
Isopropyl Alcohol 200 proof: Flammable Irritant



**Signal Word:** Danger

**Hazard Statement:** Flammable

**Precautionary Statements:** Take time observe label directions. Keep away from heat & open flame. Keep container closed when not in use. Protect from light. Store at 10°-30°C (50°-86°F). Avoid contact with eyes & mucous membranes. Antiseptic. Irritation may occur if used on tender skin area. Do not apply under bandage. Keep out of reach of children. For veterinary use only. Not for use in body cavities

### 3. Composition

Weight%: Iodine: 7%  
Potassium Iodide: 5%  
Isopropyl Alcohol: 85%  
Water: 3%

Iodine: CAS: 7553-56-2  
Isopropyl Alcohol 200 proof: CAS: 63-67-0  
Potassium Iodide: CAS: 7681-11-0

#### **4. First Aid Measures**

**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.

**Inhalation:** Move victim to fresh air if inhaled. Seek medical help if breathing is distressed.

**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.

**Skin Contact:** Flush with large quantities of water. Remove contaminated clothing and gently wash contaminated skin with water and a non-abrasive soap. Seek medical attention if irritation develops.

#### **5. Fire Fighting Measures**

**Flash Point:** 12.78°C, 12.78 °C  
**Est. Explosive Range Limit** LEL 3.3% UEL 19%  
**Flash Point Method Used:** Closed Cup, Open Cup  
**Extinguishing Media:** Small Fire: dry chemical powder. Large Fire: alcohol foam, water spray or fog.

**Special Fire-Fighting Procedure:** Containers should be grounded. CAUTION: MAY BURN WITH NEAR INVISIBLE FLAME. Vapor may travel considerable distance to source of ignition and flash back.

**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.

**6. Accidental Release Measures**

Steps to take in case of spill, leak or release:

Dilute with water. Neutralize iodine with sodium metabisulfite or sodium thiosulfate with soda ash. Use clay absorbent. Do not get water in the container.

**7. Handling & Storage**

Precautions to take in handling and storing:

Keep locked up. Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing equipment. Do not ingest. DO not breathe fumes/gas/vapor/spray. Never add water to this product.

Other precautions:

*Thoroughly rinse all measuring devices, and store out of reach of children.*

Keep container tightly closed when not using.

Avoid contamination of food or feed.

May corrode metal surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

**8. Control Measures**

OSHA PEL:  
1900mg/m<sup>3</sup>

Isopropyl Alcohol:

Iodine: 1mg/m<sup>3</sup> ceiling

ACGIH TLV:

Isopropyl Alcohol: 1ppm  
Iodine: 0.1ppm

Ventilation:

Adequate ventilation is required. Avoid breathing vapors. Vapor respirator may be required.

Protective gloves:

Protective gloves are recommended.

Eye protection:

	Face shield
	<u>Other protective clothing or equipment:</u>
	Full suit
	<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.
<b>9. Physical Properties</b>	Appearance: Dark brown reddish liquid
	Odor: Strong
	Specific Gravity: 0.84 (water = 1)
	pH: Neutral
	Boiling point: 78.5°C
	Melting Point: Isopropyl Alcohol: solidify at -88.5°C
	Vapor Pressure: 43mm Hg
	Evaporation Rate: Not applicable
	Solubility: Easily soluble in cold water, hot water. Soluble in methanol, diethyl ether, acetone.
<b>10. Stability &amp; Reactivity</b>	Stability: Stable at room temperature
	Incompatibility: Reactive with oxidizing agents, reducing agents, metals, acids, alkalis.
	Hazardous decomposition or by-products: Emits iodine vapors with high temperature.
	Hazardous polymerization: Will not occur.
	Conditions to avoid: High temperatures, mixing with chlorinated products.
	Polymerization: No
<b>11. Toxicological Information</b>	<u>Acute Health Effects</u>
	Eye Contact: Irritant.
	Inhalation: Irritant.

**12. Ecological Information**

**13. Disposal Information**

**14. Transport Information**

Ingestion: Harmful if swallowed. Swallowing will cause irritation to mucous membranes.

Skin Contact: Irritant.

Signs and symptoms: Redness of eyes, burning mucous membrane, upset stomach, very hazardous in Case of skin contact (sensitizer, permeator, corrosive)

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.

No additional information is available at this time.

Waste disposal method:

Follow all local, state and federal regulations.

DOT Class: Class 3: Flammable Liquid  
Hazard Class: 8 (Corrosive solids, Toxic, N.O.S.)  
UN Number: UN1219  
Package code: II  
Shipping Name: Isopropanol Solution.



**15. Regulatory Information**

***This material is not exempt from DEA regulation.***

*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.*

**16. Additional Information**

Date Created: 07/22/2014