

SAFETY DATA SHEET
7099

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **Iodine Tincture 7%™**
Product Number: 4240-0340

Company: ProActive Solutions[®] USA, LLC
301 Bridge St.
Green Bay, WI 54303

Telephone: 1-920-437-8658

Fax: 1-920-437-4006

Emergency Phone #: 1-800-424-9300 (Chemtrec)

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazard Classification: Not classified

Signal Word – DANGER



Symbol(s) (pictogram(s)) –

Hazard statement(s):

Toxic if swallowed. Flammable. May cause eye irritation.

Precautionary statement(s):

Do not eat, drink or smoke while using this product. Wear protective clothing, and eye and face protection.

Hazards not otherwise classified: None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Isopropyl Alcohol	67-63-0	60.0% - 65.0%

The ingredients in this product are proprietary and confidential. Exact percentages are not listed.

4. FIRST AID MEASURES

General Advice: Toxic if swallowed. May cause eye irritation with corneal injury and result in impairment of vision.

First Aid:

External: If irritation occurs, flush with plenty of cool, running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Eyes: Immediately flush with plenty of cool, running water. Remove contact lenses; then continue flushing for at least 15 minutes, holding eyelids apart.

Internal: Call a physician immediately. If swallowed, do not induce vomiting. Rinse mouth, then immediately drink one or two large glasses of water or milk. Never give anything by mouth to an unconscious person.

Inhalation of vapors: Should not occur with proper use of this product.

Most important symptoms/effects, acute and delayed: None known

Immediate medical attention and special treatment needed, if any: If swallowed, give starch paste, milk, bread, egg white, or activated charcoal. A 5% solution of sodium thiosulfate (photographic ("hypo") may be administered orally at a rate of 10 ml per kilogram of body weight.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water fog or foam. Do not use direct water stream.

Specific hazards from combustion: None known

Special protective equipment for fire-fighters: Good firefighting practices indicate the use of turn-out gear and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Control runoff and isolate discharged material for proper disposal.

Protective equipment: Wear appropriate Personal Protective Equipment, such as chemically resistant gloves and boots, chemical splash goggles or face shield, chemical apron if desired.

Emergency procedures: Follow your company Emergency Response Plan for cleanup procedures.

Environmental precautions: Keep spilled material from entering any waterways.

Methods and materials for containment and cleaning up: Soak up residue with inert absorbent material. Dispose of according to federal, state and local guidelines.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes, and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Conditions for safe storage: Store in a cool, well-ventilated area out of direct sunlight.

Incompatibilities: Strong oxidizing agents, sparks and open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA permissible exposure limit (PEL): Isopropyl Alcohol – 400 ppm

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV): Isopropyl Alcohol – 400 ppm

Any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available: None known

Appropriate engineering controls: None required

Personal protective equipment:

- **Respiratory protection:** Not normally required.
- **Hand protection:** None needed unless irritation occurs. Then use chemical resistant gloves, which are impervious to this product.
- **Eye protection:** Chemical splash goggles or face shield.
- **Skin and body protection:** Chemical apron may be worn.
- **Hygiene measures:** Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown liquid

Odor: Strong alcohol

pH: 0.4 – 2.16

Freezing point: ≤ 32 °F

Initial boiling point and boiling range: n/a

Flash point: 53 °F

Evaporation rate: n/a

Flammability: Yes

Upper/lower flammability or explosive limits: Not Established

Vapor pressure: n/a

Specific Gravity: 0.923

Solubility: Completely soluble

10. STABILITY AND REACTIVITY

Reactivity: None reactive

Chemical stability: Stable

Possibility of hazardous reactions: None known

Conditions to avoid: Sparks or open flames.

Incompatible materials: Strong oxidizers.

Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: None Known

Inhalation: Should not occur.

Ingestion: Will cause gastrointestinal irritation or ulceration and irritation of the mouth and throat. May be toxic if swallowed.

Skin: Short single exposure may not cause any effect.

Eye contact: May cause irritation with corneal injury and result in impairment of vision.

Symptoms of exposures: Burning and redness to affected area.

Delayed and immediate effects: Irritating to eyes.

Chronic effects from short- and long-term exposure: None known

Numerical measures of toxicity: 167 mg/m³ (Oral – Calculated)

Potential or suspected carcinogen based upon listing on NTP, IARC, or by OSHA: Not a suspected carcinogen based on ingredients.

12. ECOLOGICAL INFORMATION*

Ecotoxicity (Aquatic and terrestrial): Not determined

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Not determined

PBT and vPvB assessment: Not determined

Other adverse effects: Not determined

13. DISPOSAL CONSIDERATIONS*

Handling of waste residue: Neutralize and dilute.

Methods of disposal: Dispose of residue according to federal, state and local regulations.

Disposing of contaminated packaging: To clean the container before final disposal, empty the remaining contents from this container into application equipment. Fill the container ¼ full with water. Replace and tighten closures. Agitate vigorously or recirculate water for 30 seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Follow Pesticide Disposal instructions for rinsate disposal.

14. TRANSPORT INFORMATION*

UN number: 1293

UN proper shipping name: Tinctures, medicinal

Transport hazard class(es): 3

Packing group, if applicable: II

Environmental hazards (e.g., Marine pollutant): No

15. REGULATORY INFORMATION*

Safety, health and environmental regulations which apply to this chemical.

Health Phrases:

H301: Toxic if swallowed.

H314: Causes severe skin burns and eye damage.

H331: Toxic if inhaled.

Precautionary Statements:

P210: Keep away from heat, sparks, open flames. No smoking.

P270: Do not eat, drink or smoke while using this product.

P280: Wear protective gloves, clothing, eye and face protection.

16. OTHER INFORMATION

HMIS Classification

Health hazard: 1

Flammability: 2

Reactivity: 1

Personal Protection: B

NFPA Rating

Health hazard: 1

Fire: 2

Reactivity Hazard: 1

Special hazards: X

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*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29CFR 1910.1200(g)(2)).

Employers must ensure that SDSs are readily accessible to employees.

See Appendix D of 1910.1200 for a detailed description of SDS contents.

Date Prepared/Revised: December 3, 2014

Prepared/Revised By: Bill Jensen