

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Triple Source Iodine Tincture (Triiodine-7)

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Topical Antiseptic / Disinfectant

#### 1.3. Supplier

First Priority, Inc.  
1590 Todd Farm Drive  
Elgin, IL 60123-1287  
Telephone: 800-650-4899  
www.prioritycare.com

#### 1.4. Emergency telephone number

Emergency number : 800-424-9300 (Chemtrec U.S. - 24 Hrs)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flammable liquids, Category 3	H226	Flammable liquid and vapor.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.

Full text of H-statements: see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H226 - Flammable liquid and vapor.  
H318 - Causes serious eye damage.  
H336 - May cause drowsiness or dizziness.

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse

# Triple Source Iodine Tincture (Triiodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor.  
P312 - Call a poison center or doctor if you feel unwell.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, state, and federal regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Water	CAS-No.: 7732-18-5	60 – 72*	Not classified
Isopropyl alcohol	CAS-No.: 67-63-0	20 – 30*	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Propylene Glycol	CAS No.: 57-55-6	5 – 10*	Not classified
2-Pyrrolidinone, 1-ethenyl-, homopolymer, compound with iodine	CAS-No.: 25655-41-8	1 – 4*	Skin Irrit. 2, H315 Eye Dam. 1, H318
Iodine	CAS-No.: 7553-56-2	1 – 2.2*	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332
Potassium iodide	CAS No.: 7681-11-0	1 – 2*	Not classified

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

# Triple Source Iodine Tincture (Triodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.  
Symptoms/effects after eye contact : Serious damage to eyes.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. NO open flames, NO sparks, and NO smoking. Avoid breathing gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection.

# Triple Source Iodine Tincture (Triiodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing gas/mist/vapors/spray. Avoid contact with skin and eyes.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>Isopropyl alcohol (67-63-0)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	400 ppm
<b>USA - ACGIH - Biological Exposure Indices</b>	
BEI	40 mg/l (Medium: urine - Time: end of shift at end of workweek - Parameter: Acetone (background, nonspecific))
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA [1]	980 mg/m <sup>3</sup>
OSHA PEL TWA [2]	400 ppm
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH [ppm]	2000 ppm (10% LEL)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL TWA	980 mg/m <sup>3</sup>
NIOSH REL TWA [ppm]	400 ppm
NIOSH REL STEL	1225 mg/m <sup>3</sup>
NIOSH REL STEL [ppm]	500 ppm
<b>2-Pyrrolidinone, 1-ethenyl-, homopolymer, compound with iodine (25655-41-8)</b>	
No additional information available	
<b>Iodine (7553-56-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	0.01 ppm (inhalable fraction and vapor)
ACGIH OEL STEL [ppm]	0.1 ppm (aerosol and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen

# Triple Source Iodine Tincture (Triiodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Iodine (7553-56-2)</b>	
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL C	1 mg/m <sup>3</sup>
OSHA PEL C [ppm]	0.1 ppm
<b>USA - IDLH - Occupational Exposure Limits</b>	
IDLH [ppm]	2 ppm
<b>USA - NIOSH - Occupational Exposure Limits</b>	
NIOSH REL C	1 mg/m <sup>3</sup>
NIOSH REL C [ppm]	0.1 ppm

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
If concentrations exceed exposure limits, use NIOSH approved respirator.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : Dark brown liquid.  
Color : Dark brown  
Odor : Iodine  
Odor threshold : No data available  
pH : No data available  
Melting point : 23 °F  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Flammability (solid, gas) : Flammable.  
Vapor pressure : No data available  
Relative vapor density at 20 °C : No data available  
Relative density : No data available  
Density : 8.5 lb/gal  
Solubility : Miscible.  
Partition coefficient n-octanol/water (Log Pow) : No data available

# Triple Source Iodine Tincture (Triiodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

VOC content : 203.7 – 311.5 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong acids, Aldehydes, Amines

### 10.6. Hazardous decomposition products

Toxic gases (carbon dioxide and carbon monoxide)

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Isopropyl alcohol (67-63-0)	
LD50 oral rat	4396 mg/kg
LD50 dermal rabbit	12800 mg/kg
LC50 Inhalation - Rat [ppm]	16000 ppm (Exposure time: 8 h)
ATE US (oral)	4396 mg/kg bodyweight
ATE US (dermal)	12800 mg/kg bodyweight
ATE US (gases)	16000 ppmv/4h
2-Pyrrolidinone, 1-ethenyl-, homopolymer, compound with iodine (25655-41-8)	
LD50 oral rat	> 8 g/kg

# Triple Source Iodine Tincture (Triiodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Iodine (7553-56-2)	
LD50 oral rat	14 g/kg
ATE US (oral)	14000 mg/kg bodyweight
ATE US (dermal)	1100 mg/kg bodyweight
ATE US (gases)	4500 ppmv/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Isopropyl alcohol (67-63-0)	
IARC group	3 - Not Classifiable

Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.

Isopropyl alcohol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after eye contact	: Serious damage to eyes.

## SECTION 12: Ecological information

### 12.1. Toxicity

Isopropyl alcohol (67-63-0)	
LC50 - Fish [1]	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Other aquatic organisms [1]	> 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)
LC50 - Fish [2]	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Other aquatic organisms [2]	> 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)

### 12.2. Persistence and degradability

Isopropyl alcohol (67-63-0)	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05 (at 25 °C)
Bioaccumulative potential	Not established.

# Triple Source Iodine Tincture (Triodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with local, state, and federal regulations  
Additional information : Flammable vapors may accumulate in the container.

## SECTION 14: Transport information

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : No additional information available  
Proper Shipping Name (TDG) : No additional information available  
Proper Shipping Name (IMDG) : No additional information available  
Proper Shipping Name (IATA) : No additional information available

### 14.3. Transport hazard class(es)

**DOT**  
Transport hazard class(es) (DOT) : No additional information available

**TDG**  
Transport hazard class(es) (TDG) : No additional information available

**IMDG**  
Transport hazard class(es) (IMDG) : No additional information available

**IATA**  
Transport hazard class(es) (IATA) : No additional information available

### 14.4. Packing group

Packing group (DOT) : No additional information available  
Packing group (TDG) : No additional information available  
Packing group (IMDG) : No additional information available  
Packing group (IATA) : No additional information available

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

**DOT**  
No additional information available



# Triple Source Iodine Tincture (Triodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### TDG

No additional information available

### IMDG

No additional information available

### IATA

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Triple Source Iodine Tincture (Triodine-7)

SARA Section 311/312 Hazard Classes	Flammable Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)
-------------------------------------	---

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Isopropyl alcohol	67-63-0	Present	Active	T
2-Pyrrolidinone, 1-ethenyl-, homopolymer, compound with iodine	25655-41-8	Present	Active	XU
Iodine	7553-56-2	Present	Active	

#### Isopropyl alcohol (67-63-0)

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
-------------------------------------	---

### 15.2. International regulations

#### CANADA

#### Isopropyl alcohol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### 2-Pyrrolidinone, 1-ethenyl-, homopolymer, compound with iodine (25655-41-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### Iodine (7553-56-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

# Triple Source Iodine Tincture (Triiodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### EU-Regulations

#### Isopropyl alcohol (67-63-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

#### Iodine (7553-56-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

### National regulations

#### Isopropyl alcohol (67-63-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on Industrial Safety and Health Law Substances (ISHL)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

#### 2-Pyrrolidinone, 1-ethenyl-, homopolymer, compound with iodine (25655-41-8)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on Industrial Safety and Health Law Substances (ISHL)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)  
Listed on INSQ (Mexican national Inventory of Chemical Substances)  
Taiwan Chemical Substance Inventory

#### Iodine (7553-56-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)  
Poisonous and Deleterious Substances Control Law  
Listed on INSQ (Mexican national Inventory of Chemical Substances)  
Taiwan Chemical Substance Inventory

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

## SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 08/25/2022

#### Full text of H-statements

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.

# Triple Source Iodine Tincture (Triodine-7)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-statements	
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product