

## 1. Product and Company Identification

<b>Product identifier</b>	Io-Gone Prep Pads	SDS 0117-00
<b>Other means of identification</b>	Not available	
<b>Recommended use</b>	Iodine removal wipe.	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer</b>	Professional Disposables International, Inc. Two Nice-Pak Park, Orangeburg, NY 10962-1376 Or distributed by: Professional Disposables International, Ltd. Vaughan, Ontario L4L 4K9 Canada Phone: (USA) 1-845-365-1700 (M-F 9am - 5pm) Phone: (CANADA) 1-800-263-7067 Emergency Phone: 1-800-999-6423	

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquid	Category 3
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2B
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Flammable liquid and vapor. Causes eye irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wash thoroughly after handling.
<b>Response</b>	In case of fire: Use appropriate media to extinguish. If in eyes: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and continue rinsing. If eye irritation persists: Get medical advice/attention. Specific treatment (see this label).
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	Not applicable.

## 3. Composition/Information on Ingredients

### Mixture

Chemical name	Common name and synonyms	CAS number	%
Isopropyl Alcohol		67-63-0	40 - 50
Sodium Thiosulfate		7772-98-7	2 - 5

## 4. First Aid Measures

<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin contact</b>	Obtain medical attention if irritation develops.
<b>Eye contact</b>	Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.
<b>Ingestion</b>	Not a normal route of exposure.

<b>Most important symptoms/effects, acute and delayed</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.

## 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Carbon dioxide. Dry chemical. Water fog. Water.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Fire-fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move product from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Move products from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
<b>General fire hazards</b>	Flammable solid.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

## 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from discarded material. Prevent entry into waterways, sewers or confined areas. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.

## 7. Handling and Storage

<b>Precautions for safe handling</b>	Use only in a well ventilated area. Keep away from flames such as a pilot light, and any object that sparks, such as an electric motor.  KEEP OUT OF REACH OF CHILDREN. Not for use with contact lenses. Does not contain Isopropyl alcohol. Prior to use, consult manufacturer's instructions for cleaning.  Remove any harmful surface grit prior to cleaning. Open packet and unfold cloth. Gently clean surface and allow to dry. DO NOT FLUSH. Energized Equipment use only. Not to be used for motorized vehicle maintenance or their parts.  For personal protection, see section 8 of the SDS.
<b>Conditions for safe storage, including any incompatibilities</b>	Store away from incompatible materials (see Section 10 of the SDS). Keep away from heat, sparks and open flame. Store in a cool, dry, well-ventilated place. Keep out of reach of children.

## 8. Exposure Controls/Personal Protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Isopropyl Alcohol (CAS 67-63-0)	PEL	980 mg/m3
		400 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Isopropyl Alcohol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Isopropyl Alcohol (CAS 67-63-0)	STEL	1225 mg/m <sup>3</sup>
	TWA	500 ppm
		980 mg/m <sup>3</sup>
		400 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

\* - For sampling details, please see the source document.

<b>Exposure guidelines</b>	See above
<b>Appropriate engineering controls</b>	Ensure adequate ventilation.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Not normally required when used as directed.
<b>Skin protection</b>	
<b>Hand protection</b>	Not normally required when used as directed.
<b>Other</b>	Not normally required.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Not available.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using do not eat or drink. When using do not smoke.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Liquid saturated on wipe
<b>Physical state</b>	Solid.
<b>Form</b>	Solid. Pre-moistened towelette.
<b>Color</b>	Clear, colorless on a wipe
<b>Odor</b>	Alcohol
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	0.918 (Liquid)
<b>Partition coefficient (n-octanol/water)</b>	Not available

<b>Flash point</b>	80 °F (26.7 °C) Closed Cup (Liquid)
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Flammable solid.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Wipe material is not soluble in water
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong acids and strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Heat, flames and sparks. Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

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## 11. Toxicological Information

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<b>Routes of exposure</b>	Inhalation. Ingestion. Skin contact. Eye contact.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Not applicable under normal conditions of use.
<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
Sodium Thiosulfate (CAS 7772-98-7)		
<b>Acute</b>		
<i>Oral</i> LD50	Rat	5000 mg/kg
Isopropyl Alcohol (CAS 67-63-0)		
<i>Dermal</i> LD50	Rabbit	12800 mg/kg
<i>Inhalation</i> LC50	Rat	16970 mg/l/4h

Isopropyl Alcohol (CAS 67-63-0)		
<i>Dermal</i>	Rabbit	12800 mg/kg
LD50		
<i>Inhalation</i>	Rat	16970 mg/l/4h
LC50		
<i>Oral</i>		
LD50	Dog	4797 mg/kg
	Mouse	3600 mg/kg
	Rabbit	5030 mg/kg
	Rat	4396 mg/kg

**Skin corrosion/irritation** May cause irritation.  
**Exposure minutes** Not available.  
**Erythema value** Not available.  
**Oedema value** Not available.  
**Serious eye damage/eye irritation** Direct contact with eyes may cause irritation.

**Corneal opacity value** Not available.

**Iris lesion value** Not available.

**Conjunctival reddening value** Not available.

**Conjunctival oedema value** Not available.

**Recover days** Not available.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** The finished product is not expected to have chronic health effects.

**Mutagenicity** The finished product is not expected to have chronic health effects.

**Carcinogenicity** The finished product is not expected to have chronic health effects.

**ACGIH Carcinogens**

Isopropyl Alcohol (CAS 67-63-0)

A4 Not classifiable as a human carcinogen.

**Reproductive toxicity** The finished product is not expected to have chronic health effects.

**Teratogenicity** Not classified.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not classified.

**Chronic effects** Prolonged inhalation may be harmful.

**Further information** Not available.

**Name of Toxicologically Synergistic Products** Not available.

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## 12. Ecological Information

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**Ecotoxicity** See below

Components		Species	Test Results
Isopropyl Alcohol (CAS 67-63-0)			
Algae	IC50	Algae	1000 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	> 1400 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Mobility in general** Not available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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## 13. Disposal Considerations

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**Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** Assign as required.

**Waste from residues / unused products** Dispose of in accordance with local regulations. This material and its packaging must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied packages may retain product residue, follow label warnings even after container is emptied.

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## 14. Transport Information

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**U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

Special Provision 47

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## 15. Regulatory Information

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**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration**

Isopropyl Alcohol (CAS 67-63-0) 1.0 %

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US CAA Section 111 Volatile Organic Compounds: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

<b>Chemical name</b>	<b>CAS number</b>	<b>% by wt.</b>
Isopropyl Alcohol	67-63-0	10 - 30

**Other federal regulations**

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Regulated as a cosmetic.

**US state regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US - California Hazardous Substances (Director's): Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

**US - Illinois Chemical Safety Act: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US - Louisiana Spill Reporting: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US - Minnesota Haz Subs: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US - New Jersey RTK - Substances: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US - Texas Effects Screening Levels: Listed substance**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US. Massachusetts RTK - Substance List**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US. Pennsylvania RTK - Hazardous Substances**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**US. Rhode Island RTK**

Isopropyl Alcohol (CAS 67-63-0) Listed.

**Inventory status**

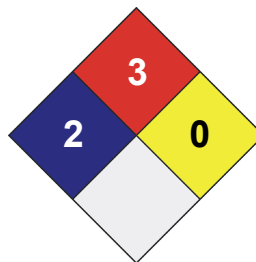
<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

**Issue date**

27-May-2015

**Effective date**

27-May-2015

**Expiry date**

27-May-2018

**Further information**

Revision 0.

For any questions surrounding this SDS, please contact the supplier/manufacturer listed on the first page of the document.

Based on bulk liquid 4OB22301

**Prepared by**

Professional Disposables International, Inc. Phone: 1-845-365-1700

**Other information**

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.

This product is not regulated under OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200 & the Canadian Hazardous Products Act (HPA); Controlled Product Regulations (CPR).