

## IOSAN

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	IOSAN
<b>Recommended Use</b>	BAR CLASS SANITIZER.
<b>Restrictions on Use</b>	THIS PRODUCT IS FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN.
<b>Manufacturer/Supplier Identifier</b>	BBSpro, #270 19358 96TH AVE, SURREY, BC, V4N 4C1, CANADA, BBSpro, (604) 420-4305
<b>Emergency Phone No.</b>	BBSpro, 1-899-420-4305 CANUTEC, (613) 996-6666
<b>SDS No.</b>	0045

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Acute toxicity (Oral) - Category 4; Skin corrosion - Category 1; Serious eye damage - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Harmful if swallowed, in contact with skin or if inhaled.

Causes severe skin burns and eye damage.

Precautionary Statement(s):

Do not breathe dusts or mists.

Do not eat, drink or smoke when using this product.

Wash hands and skin thoroughly after handling.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Iodine	7553-56-2	5-10		
Phosphoric acid solutions	7664-38-2	3-10		

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Take precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment). Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. DO NOT move about unnecessarily. Symptoms of pulmonary edema may be delayed. Avoid mouth-to-mouth contact by

using a barrier device. Call a Poison Centre or doctor if you feel unwell.

#### **Skin Contact**

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Immediately rinse skin with lukewarm, gently flowing water for at least 30 minutes. Get medical advice or attention if you feel unwell or are concerned.

#### **Eye Contact**

Avoid direct contact. Wear chemical protective gloves if necessary. Quickly and gently blot or brush chemical off the face. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

#### **Ingestion**

Rinse mouth with water. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Avoid mouth-to-mouth contact by using a barrier device. Call a Poison Centre or doctor if you feel unwell.

#### **First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

### **Specific Hazards Arising from the Product**

Does not burn.

Not known to generate any hazardous decomposition products in a fire.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Get expert advice.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Stop or reduce leak if safe to do so.

### **Other Information**

Contact supplier, local fire and emergency services for help.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Keep only in original packaging. If product is transferred to another container, ensure new container is suitable for the product. Prevent accidental contact with incompatible chemicals. Wear personal protective equipment to avoid direct contact with this chemical.

### **Conditions for Safe Storage**

Store in the original, labelled, shipping container.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Control Parameters**

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Phosphoric acid solutions	1 mg/m3	3 mg/m3	1 mg/m3			
Iodine	0.01 ppm A4	0.1 ppm				

**Appropriate Engineering Controls**

Provide eyewash and safety shower if contact or splash hazard exists.

**Individual Protection Measures****Eye/Face Protection**

Wear chemical safety goggles.

**Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

**Respiratory Protection**

Not required.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Basic Physical and Chemical Properties**

<b>Appearance</b>	Brown. Particle Size: Not available
<b>Odour</b>	Soapy
<b>Odour Threshold</b>	Not available
<b>pH</b>	2.7
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	~ 100 °C (212 °F)
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable (liquid).
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.06
<b>Solubility</b>	Soluble in all proportions in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available

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Saturated Vapour Concentration Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Alkaline conditions (high pH).

### Incompatible Materials

Strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).  
Iron, carbon steel.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Eye contact; skin contact; inhalation; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Phosphoric acid solutions	> 213 mg/m <sup>3</sup> (rat) (4-hour exposure)	1530 mg/kg (rat)	2740 mg/kg (rabbit)
Iodine	14000 mg/kg (rat)		

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

Corrosive based on information for closely related materials.

### Serious Eye Damage/Irritation

May cause very mild irritation based on information for closely related chemicals.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May be harmful based on information for closely related materials.

#### Skin Absorption

May be harmful based on information for closely related materials.

#### Ingestion

Based on information for closely related materials.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Conclusions cannot be drawn from the limited studies available.

### Respiratory and/or Skin Sensitization

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No information was located for respiratory sensitization.

#### **Carcinogenicity**

No information was located.

#### **Reproductive Toxicity**

##### **Development of Offspring**

Conclusions cannot be drawn from the limited studies available.

##### **Sexual Function and Fertility**

Conclusions cannot be drawn from the limited studies available.

##### **Effects on or via Lactation**

Conclusions cannot be drawn from the limited studies available.

#### **Germ Cell Mutagenicity**

Conclusions cannot be drawn from the limited studies available.

#### **Interactive Effects**

No information was located.

### **SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

#### **Ecotoxicity**

No information was located.

#### **Persistence and Degradability**

No information was located.

#### **Bioaccumulative Potential**

No information was located.

#### **Mobility in Soil**

Studies are not available.

#### **Other Adverse Effects**

There is no information available.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants).

### **SECTION 14. TRANSPORT INFORMATION**

<b>Regulation</b>	<b>UN No.</b>	<b>Proper Shipping Name</b>	<b>Transport Hazard Class(es)</b>	<b>Packing Group</b>
Canadian TDG	UN1805	PHOSPHORIC ACID SOLUTION	8	II

**Special Precautions** Not applicable

#### **Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

None known.

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## SECTION 16. OTHER INFORMATION

**SDS Prepared By** BBSpro  
**Phone No.** 6045138888  
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**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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