

# Material Safety Data Sheet

## IO Purge 5065



Revision Date: 11/2/2009

**24-HOUR EMERGENCY 1-800-255-3294 (U.S.) 001-813-248-0585 (International)**

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IO Purge 5065  
General Description: Iodine Sanitizer  
Company Information: PureLabs LLC  
1919 S. Stoughton Rd  
Madison WI 53716  
USA  
1-608-326-3500

### SECTION 2 - COMPOSITION/IDENTITY INFORMATION

Hazardous Ingredients	CAS Number	%
Iodine	7553-56-2	1 - 5
Phosphoric Acid	7664-38-2	10 - 30

### SECTION 3 - HAZARDS IDENTIFICATION

This product can cause irritation to eyes, skin, upper respiratory tract and mucous membranes. May be fatal if swallowed.

### SECTION 4 - FIRST AID MEASURES

#### If In Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Contact a physician immediately.

#### If Swallowed:

Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person. Do not induce vomiting. Contact a physician immediately.

#### If Breathing Difficulty Occurs:

Move person to fresh air. Contact a physician immediately.

#### If On Skin:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Contact a physician immediately.

# Material Safety Data Sheet

## IO Purge 5065

### SECTION 5 - FIRE FIGHTING MEASURES

This product is not flammable. Wear self-contained breathing apparatus and protective gear to prevent skin contact with corrosive solutions.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain spills and dispose of according to federal and local regulations.

### SECTION 7 - HANDLING AND STORAGE

Handling: Use proper personal protective equipment as indicated in Section 8. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas.

Storage: Store in a closed container away from sources of heat. If product becomes frozen, thaw and mix well before use. Store away from Alkaline and Chlorinated compounds.

### SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

If exposure limits listed in Section 11 are exceeded, use appropriate personal protective equipment.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown liquid
Odor:	Iodine
Specific Gravity:	1.14
pH (as is)	< 2
Solubility In Water:	Use as directed

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

### SECTION 10 - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Decomposition Products:</b>	None Known
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibilities:</b>	Concentrated alkalis, soft metals, or chlorinated compounds
<b>Conditions To Avoid:</b>	Contact with alkaline materials and reactive metals may react to produce hydrogen gas that can produce an explosive in confined vessels.

# Material Safety Data Sheet

## IO Purge 5065

### SECTION 11 - TOXICOLOGICAL INFORMATION

Chemical Name	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Iodine	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Phosphoric Acid	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

### SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** This product is expected to be fatal to aquatic life.

**Environmental fate:** No Data Available

### SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

### SECTION 14 - TRANSPORTATION INFORMATION

#### U.S. Department of Transportation (DOT) Classification:

Proper Shipping Name: Disinfectants, Liquid, Corrosive NOS (Phosphoric Acid)  
Hazard Class: 8  
UN Number: 1903  
Packing Group: II

#### Canadian Transportation of Dangerous Goods (TDG) Regulations

Identical to U.S. DOT above

#### International Maritime Dangerous Goods (IMDG) Code:

Identical to U.S. DOT above

#### International Air Transport Association (IATA) Dangerous Goods Regulations:

Identical to U.S. DOT above

# Material Safety Data Sheet

## IO Purge 5065

### SECTION 15 - REGULATORY INFORMATION

Hazard Symbol(s): Corrosive  
Risk Phrase(s): R21 Harmful if in contact with skin.  
R22 Harmful if swallowed  
R34 Causes Burns

### SECTION 16 - OTHER INFORMATION

Reason for Revision: Revised Hazmat Shipping Section  
Prepared By: PureLabs LLC Chemical Research and Development

Disclaimer: The Company believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted. However, the information presented is not to be taken as a warranty or representation for which the company assumes legal responsibility. This data is offered solely for your information in accordance with applicable Federal, State, and Local laws and regulations.