

# Hardy Diagnostics

## Safety Data Sheet

### 1. Product And Company Identification

#### 1.1. Product identifiers

Product Name: **Gram's Iodine**

Other Common Names: None

Catalog Number: GP80SKB

#### 1.2. Recommended use

For use with GramPRO 80 automated stainer.

#### 1.3. Details of the supplier of this Safety Data Sheet

Company: Hardy Diagnostics  
 1430 West McCoy Lane  
 Santa Maria, CA 93455

Telephone: (805) 346-2766

(800) 266-2222

Emergency Phone: (800) 424-9300 ChemTrec (24hr service)

### 2. Hazards Identification


#### 2.1. Classification of substance or mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

**Skin Irritation (Category 2), H315**

**Eye Irritation (Category 2B), H320**

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

<b>Pictogram:</b>	
<b>Signal Word:</b>	<b>Warning</b>
<b>Hazard Statements:</b>	
H315	Causes skin irritation
H320	Causes eye irritation
<b>Precautionary Statements:</b>	
P264	Wash hands thoroughly after handling
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see supplemental first aid instructions on this label).
P332+P313	If skin irritation occurs: Get medical attention
P337+P313	If eye irritation persists: Get medical attention
P362+P364	Take off contaminated clothing and wash it before reuse.

#### 2.3. Hazards not otherwise classified or not covered by GHS

No data available.

### 3. Composition/Information on Ingredients

#### 3.1. Mixtures

Hazardous components:

Substance:	Concentration:	Hazard Information:
Iodine (CAS# 7553-56-2)	0.3-0.5% ww	Skin Irritation (Category 2), Eye Irritation (Category 2B)

### 4. First Aid Measures

#### 4.1. Description of first aid measures

<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention.
<b>Ingestion:</b>	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.
<b>Skin Contact:</b>	Immediately wash thoroughly with soap and water. If irritation persists, consult a physician. Avoid touching contaminated clothing.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. If irritation persists, consult a physician.

#### 4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

### 5. Firefighting Measures

#### 5.1. Extinguishing media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

#### 5.2. Special hazards arising from the substance or mixture

No data available.

#### 5.3. Advice for firefighters

In the event of a fire, wear protective clothing and NIOSH-approved breathing apparatus necessary to prevent any possible irritation.

#### 5.4. Further information

No data available.

### 6. Accidental Release Measures

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

Wear protective equipment: chemical resistant gloves. Keep unprotected persons away.

#### Environmental precautions

No data available.

#### 6.2. Methods and materials for containment and cleaning up

Absorb with a suitable absorbent and store in a suitable container for disposal.

**6.3. Reference to other sections**

For disposal, see section 13.

**7. Handling and Storage**

**7.1. Precautions for safe handling**

Wear appropriate personal protective equipment.

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

Keep container tightly closed. Store in a cool dry place in accordance with specified storage conditions. Protect from light.

**7.3. Specific end uses**

Apart from uses mentioned in section 1.2, not other specific uses are stipulated.

**8. Exposure Controls/Personal Protection**

**8.1. Control parameters**

No data available.

**8.2. Appropriate engineering controls**

Safety shower and eye bath. Mechanical exhaust recommended.

**8.3. Personal protective equipment**

<b>Eye/Face:</b>	Safety goggles.
<b>Skin:</b>	Chemical resistant gloves.
<b>Respiratory:</b>	None for normal use.
<b>Thermal Hazards:</b>	No data available.

**9. Physical and Chemical Properties**

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

Appearance:	Physical State: Liquid Color: Opaque purple
Odor:	Distinctive
Odor Threshold:	Not Determined
pH:	Not Applicable
Melting/Freezing Point:	Not Determined
Boiling Point:	100°C
Flash Point:	Not Determined
Evaporation Rate:	1
Flammability:	Not Determined
Explosion Limits:	Not Determined
Vapor Pressure:	18 mm Hg at 20°C
Vapor Density:	Not Determined
Relative Density:	Not Determined
Water Solubility:	Soluble
Partition coefficient (n-octanol/water):	Not Determined
Auto-ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Viscosity:	Not Determined
Explosive Properties:	Not Determined
Oxidizing Properties:	Not Determined

**9.2. Other safety information**

No data available.

## 10. Stability and Reactivity

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	This product is stable.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Heat and light
<b>Incompatible materials</b>	No data available.
<b>Hazardous decomposition products</b>	No dangerous decomposition products known.

## 11. Toxicological Information

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity – single exposure</b>	No data available
<b>Specific target organ toxicity – repeated exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available
<b>Additional information</b>	No data available.

## 12. Ecological Information

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	No data available
<b>Other adverse effects</b>	No data available

## 13. Disposal Considerations

### 13.1. Waste disposal

Dispose of in accordance with applicable state and federal regulations.

Disposal must be in accordance with regulations 40 CFR 261.

## 14. Transport Information

<b>DOT hazard class</b>	None
<b>Shipping name</b>	None
<b>Identification number</b>	None
<b>Packing group</b>	None

## 15. Regulations

<b>Carcinogenicity</b>	<b>Yes/No</b>
NTP:	No
IARC:	No
OSHA:	No
California Prop 65:	No
IATA:	No

## **16. Other Information**

The above information, to the best of our knowledge, is accurate. Hardy Diagnostics assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.

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