



medical advice/attention.

**Skin contact**

Wash off with plenty of water.

**Inhalation**

Move to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**

Rinse mouth. Call a physician or Poison Control Center immediately.

**Most important symptoms and effects, both acute and delayed**

According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

No information available.

**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating gases and vapours.

**Sensitivity to static discharge**    None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health hazards** 0

**Flammability** 0

**Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes. For personal protection see section 8.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

**Methods and material for containment and cleaning up**

Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling****Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

**Incompatible Materials**

strong oxidizing agents, strong acids, strong bases

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Iodine 7553-56-2	TWA: 0.01 ppm STEL: 0.1 ppm	Ceiling: 0.1 ppm Ceiling: 1 mg/m <sup>3</sup>	2 ppm
Glycerol 56-81-5		TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> TWA: 15 mg/m <sup>3</sup>	-

### Appropriate engineering controls

**Engineering Controls**                      Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection**                      If splashes are likely to occur, wear: Safety glasses with side-shields.

**Skin and body protection**                No special technical protective measures are necessary.

**Respiratory Protection**                    Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**        Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Iodine
<b>Appearance</b>	Brown	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	4 - 7	
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	None to boiling	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	1.03 - 1.06 @25C	
Water Solubility	soluble	

Partition coefficient: n-octanol/water	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Viscosity of Product	No information available
Dynamic viscosity	7 - 13 cPs

### Other information

**Density**    8.6 - 8.8 lb/gal



7553-56-2		0.53 mg/L		0.16 mg/L
Glycerol 56-81-5	No data available	51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static	No data available	500: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation/Accumulation**

No information available.

**Other adverse effects**

No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Method** Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

### 15. REGULATORY INFORMATION

**State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Iodine 7553-56-2	X	X	X
Glycerol 56-81-5	X	X	X

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

### 16. OTHER INFORMATION

**Preparation Date:** 03-Dec-2007

**Revision Date:** 24-Apr-2018

**Revision Note:** None

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information

relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of SDS**