

# SAFETY DATA SHEET

## PURACY DISINFECTANT

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Printed: 07/17/2020

Revision: 07/09/2020

Supersedes Revision: 06/23/2020

### 1. Product and Company Identification

**Product Code:** PURACY-DISIN  
**Product Name:** PURACY DISINFECTANT  
**Company Name:** Puracy LLC.  
PO Box 160294  
Austin, TX 78716  
**Phone Number:** 1 (800)769-5038  
**Emergency Contact:** Chemtrec 1 (800)424-9300

### 2. Hazards Identification

**Skin Corrosion/Irritation, Category 2**

**Serious Eye Damage/Eye Irritation, Category 2A**



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** H315: Causes skin irritation.  
H319: Causes serious eye irritation.

**GHS Precaution Phrases:** P264: Wash {hands} thoroughly after handling.  
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

**GHS Response Phrases:** P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.  
P321: Specific treatment {see ... on this label}.  
P332+313: If skin irritation occurs, get medical advice/attention.  
P337+313: If eye irritation persists, get medical advice/attention.  
P362: Take off contaminated clothing and wash before re-use.

**GHS Storage and Disposal Phrases:**

**Potential Health Effects (Acute and Chronic):**

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	1.0 -5.0 %

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### 4. First Aid Measures

#### Emergency and First Aid Procedures:

<b>In Case of Inhalation:</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>In Case of Skin Contact:</b>	For ready-to-use products, wash any sensitive areas. If skin irritation occurs: Get medical advice/attention.
<b>In Case of Eye Contact:</b>	Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>In Case of Ingestion:</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink large amounts of water. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

### 5. Fire Fighting Measures

#### Flash Pt:

**Explosive Limits:** LEL: UEL:

#### Autoignition Pt:

**Suitable Extinguishing Media:** Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.

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

#### Flammable Properties and Hazards:

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Safety glasses, rubber or neoprene gloves. Wear chemical protective clothing.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** For industrial or institutional use only.

**Precautions To Be Taken in Storing:** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	PEL: 1 ppm	TLV: 1 ppm	

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**Respiratory Equipment (Specify Type):** A respirator is not needed under normal and intended conditions of product use.

**Eye Protection:** Safety glasses

**Protective Gloves:** Rubber or neoprene gloves

**Other Protective Clothing:** Wear chemical protective clothing.

**Engineering Controls (Ventilation etc.):**

### 9. Physical and Chemical Properties

**Physical States:** ☐ Gas ☒ Liquid ☐ Solid

**Appearance and Odor:** Appearance: Clear liquid  
Odor: No apparent odor.

**pH:** 2.0 - 3.0

**Melting Point:**

**Boiling Point:**

**Flash Pt:**

**Evaporation Rate:**

**Flammability (solid, gas):**

**Explosive Limits:** LEL: UEL:

**Vapor Pressure (vs. Air or mm Hg):**

**Vapor Density (vs. Air = 1):**

**Specific Gravity (Water = 1):** 1.010

**Solubility in Water:** 100

**Percent Volatile:**

**Autoignition Pt:**

### 10. Stability and Reactivity

**Stability:** Unstable ☐ Stable ☒

**Conditions To Avoid - Instability:** Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.

**Incompatibility - Materials To Avoid:**

**Hazardous Decomposition or Byproducts:**

**Possibility of Hazardous Reactions:** Will occur ☐ Will not occur ☒

**Conditions To Avoid - Hazardous Reactions:**

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### 11. Toxicological Information

**Toxicological Information:** Inhalation, Eye contact, Skin contact

**Irritation or Corrosion:** Eyes: Causes serious eye irritation.

Skin: Causes skin irritation.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

**Symptoms related to Toxicological Characteristics:**

Eyes: Redness, pain, irritation.

Skin: Redness, pain, irritation.

Ingestion: No symptoms known or expected.

Inhalation: No symptoms known or expected.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

**General Ecological Information:** Harmful to aquatic life.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance to local, state and federal regulations.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Compound Cleaning, Not Regulated

**DOT Hazard Class:**

**UN/NA Number:**

### 15. Regulatory Information

**Regulatory Information:** Not Available.

### 16. Other Information

**Revision Date:** 07/09/2020

**Additional Information About This Product:**

Company's Disclaimer: While Puracy believes this statement set forth herein are accurate as of the date hereof, Puracy makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.