

### 1. Product and Company Identification

**Product Code:** 380021  
**Product Name:** Siloxycide  
**Company Name:** Preserve International  
PO Box 17003  
Reno, NV 89511  
**Phone Number:** (209)664-1607  
**Web site address:** www.preserveinternational.com  
**Emergency Contact:** ChemTel, Inc. (800)255-3924  
**Information:** (209)664-1607

### 2. Hazards Identification

**Oxidizing Liquids, Category 1**

**Acute Toxicity: Oral, Category 4**

**Skin Corrosion/Irritation, Category 1A**

**Acute Toxicity: Inhalation, Category 4**

**Serious Eye Damage/Eye Irritation, Category 1**



**Danger**



**Warning**



**Danger**

**GHS Hazard Phrases:**

May cause fire or explosion; strong oxidizer.  
Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Causes serious eye damage.  
Harmful if inhaled.

**GHS Precaution Phrases:**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep/store away from clothing/combustible materials.  
Take any precaution to avoid mixing with combustibles.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wear fire/flame resistant/retardant clothing.

**GHS Response Phrases:**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
Immediately call a POISON CENTER or doctor/physician.  
Specific treatment see .section 4 on this label.  
Rinse mouth.  
Wash contaminated clothing before reuse.  
In case of major fire and large quantities: evacuate area and fight fire remotely due to the

**GHS Storage and Disposal Phrases:** risk of explosion.  
Store locked up.  
Dispose of contents/container as per local regulations.

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

**Inhalation:** Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

**Skin Contact:** May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

**Eye Contact:** Causes severe eye irritation.

**Ingestion:** Harmful if swallowed.

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	50.0 %	

## 4. First Aid Measures

### Emergency and First Aid Procedures:

**In Case of Inhalation:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**In Case of Skin Contact:** In case of contact, immediately wash skin with soap and copious amounts of water.

**In Case of Eye Contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**In Case of Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Signs and Symptoms Of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 5. Fire Fighting Measures

**Flash Pt:** Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:**

**Suitable Extinguishing Media:** Suitable: Water spray.

**Fire Fighting Instructions:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s):

**Flammable Properties and Hazards:**

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL. Evacuate area. PROCEDURE(S) OF PERSONAL PRECAUTION(S)  
 Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.  
 Methods for cleaning up.  
 Absorb on sand or vermiculite and place in closed containers for disposal.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** User Exposure: Do not breathe vapor. Avoid contact with eyes, skin, and clothing.

**Precautions To Be Taken in Storing:** Suitable: Keep tightly closed.

### 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	

**Respiratory Equipment (Specify Type):** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

**Eye Protection:** Chemical safety goggles.

**Protective Gloves:**

**Other Protective Clothing:**

**Engineering Controls (Ventilation etc.):** Safety shower and eye bath. Mechanical exhaust required.

**Work/Hygienic/Maintenance Practices:** Wash thoroughly after handling.

EXPOSURE LIMITS, RTECS.  
 Country Source Type Value.  
 USA MSHA Standard-air TWA 1 PPM (1.4 MG/M3)

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [X] Liquid [ ] Solid

**Appearance and Odor:** Colorless Liquid.  
 Slightly.

**Melting Point:** -52.00 C

**Boiling Point:** 115.00 C

**Autoignition Pt:**

**Flash Pt:** Method Used: Estimate

**Explosive Limits:** LEL: UEL:

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

**Density:** 1.12 G/CM3

**Vapor Pressure (vs. Air or mm Hg):** 12.00 hPa  
**Vapor Density (vs. Air = 1):**  
**Evaporation Rate:**  
**Solubility in Water:** Complete  
**pH:** 1.00 - 4.00  
**Percent Volatile:**

### 10. Stability and Reactivity

**Stability:** Unstable [  ] Stable [  ]  
**Conditions To Avoid - Instability:**  
**Incompatibility - Materials To Avoid:** Product is combustible in contact with flammable liquids/materials, reducing agents, alkalis, metals, heat at or above the decomposition temperature: 60° C.  
**Hazardous Decomposition or Byproducts:** Oxygen.  
**Possibility of Hazardous Reactions:** Will occur [  ] Will not occur [  ]  
**Conditions To Avoid - Hazardous Reactions:**

### 11. Toxicological Information

**Toxicological Information:**

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	n.a.	3	A3	n.a.

### 12. Ecological Information

### 13. Disposal Considerations

**Waste Disposal Method:** APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION.  
 Contact a licensed professional waste disposal service to dispose of this material.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Hydrogen peroxide, aqueous solutions [with more than 40 percent but not more than 60 percent hydrogen peroxide (stabilized as necessary)]

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN2014

**Packing Group:** II



### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	Yes 1000 LB	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1015; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes

**Regulatory Information:**

Siloxycide - This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Danger. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. If fogged, avoid breathing spray mists. Wear protective eyewear such as goggles, face shield or safety glasses and protective clothing (long-sleeved shirt and long pants, socks, rubber gloves and chemical resistant footwear). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### 16. Other Information

**Revision Date:** 09/28/2015

**Additional Information About This Product:**
**Company Policy or**
**Disclaimer:**

Preserve International believes that the data contained herein is 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 Preserve International assumes legal responsibility. This data is offered solely for your information in accordance with applicable Federal, State, and Local laws and regulations.