

# Safety Data Sheet

## Section 1: Product and Company Identification

Date Printed: 01/10/2017

Prepare date: 01/09/2017

SDS Inv.# 1167

Revision 1

Stone Product # 47014

Product Name: Oti-Clo2 30ml bottle

Aqueous Oxidant

Supplier: Stone Mfg. & Supply Co.  
1212 Kansas Ave.  
Kansas City, MO 64127  
Ph. 816-231-4020 (for information only)  
(SMFG)

H	0	
F	0	
R	0	
PE	--	

Manufacturer:  
Frontier Pharmaceutical, Inc.

**IN CASE OF CHEMICAL EMERGENCY CALL CHEMTREC**  
For domestic shipments in USA/North America use 800-424-9300  
For shipments outside the USA use 703-527-3887(collect calls accepted)

## Section 2: Composition/ Information on Ingredients

Ingredients	CAS Number	Wt %
Chlorodioxo urea (chlorine dioxide complex)	Mixture	1.14
Inert Ingredients	Mixture	98.86

At these concentrations none of the ingredients are known to pose any hazards to human health.

## Section 3: Hazards Identification

### Emergency Overview

Colorless liquid with almost no odor. Avoid contact with eyes. Keep out of reach of children.

**HMIS Rating:** Health: 0 Flammability: 0 Reactivity: 0 PPE: None

### Potential Health Effects

Eye Contact: Eye contact may cause mild eye irritation with discomfort.

Skin Contact: Does not cause skin irritation and the product is not skin sensitizer.

Inhalation: Does not cause respiratory irritation. Avoid breathing large quantities in areas with restricted ventilation.

Ingestion: May cause stomach upset.

Carcinogenicity: None of the components present in this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

## Section 4: First Aid Measures

### Inhalation

Does not cause respiratory irritation under normal use conditions. If product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

### Skin Contact

Does not cause skin irritation. May be rinsed with water should any reaction occur. Mixture of this product with other products could cause irritation and is not recommended.

### Eye Contact

May cause mild eye irritation. In case of contact, flush eyes with plenty of water.

### Ingestion

May cause stomach upset. In case of ingestion, give a glass of milk.

## Section 5: Fire Fighting Measures

**Flammable Properties: Flash Point:** Not Available (Non Flammable)

**Flammable Limits: Lower Flammable Limit:** Not Established

**Burn Rate:** Unknown

**Upper Flammable Limit:** Not Established

**Flammability Classification:** Non-Flammable liquid

**Autoignition Temperature:** Not Established

**Hazardous Combustion Products:** None

**Extinguishing Media:** N/A (Non-Flammable liquid)

**Additional Considerations:** None

**FIRE FIGHTING INSTRUCTIONS:** Non-Flammable liquid

**NFPA Rating:** Health: 0 **Flammability:** 0 **Reactivity:** 0 **PPE:** NONE

## Section 6: Accidental Release Measures

### Spill Clean Up

No special cleanup measures are required. Spills should be wiped with paper towels or rags and rinsed with water.

### Accidental Release Measures

Spills are slippery and should be cleaned up promptly.

## Section 7: Handling and Storage

**Handling:** Keep away from heat and strong acids, bleach and reducing agents. Do not ingest. Keep container closed when not in use. Do not mix with other products.

**Storage:** Keep container closed until ready for use. Store at room temperature out of direct sunlight. Do not store above 105°F or near fire or open flame. Store large quantities in buildings to comply with OSHA 1910.106. Do not transfer contents to bottles or other unlabeled containers. Do not reuse empty containers. Keep out of reach of children.

**Incompatible materials:** Strong acids, bleach, and reducing agents

**Special Packaging Materials:** None

## Section 8: Exposure Control/ Personal Protection

**Engineering Controls:** None

**Personal Protective Equipment:** None

**Eye/Face Protection:** None

**Skin Protection:** None

**Respirators:** None required for normal use. If product accidentally contacts strong acids, bleach or reducing agents in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

**Exposure Limits:** [ ] ACGIH TLV [ ] OSHA PEL [ ] Other (specify) Not available

## Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Colorless solution	<b>Odor:</b>	Mild bleach-like
<b>Physical State:</b>	Liquid	<b>pH:</b>	4 - 5
<b>Boiling Point (°F):</b>	212	<b>Solubility in Water:</b>	100%
<b>Freezing Point (°F):</b>	28	<b>Vapor Pressure (mm Hg):</b>	Not Available
<b>Volatile Organic Compounds (VOC):</b>	None	<b>Evaporation Rate:</b>	Less than Ether
<b>Specific Gravity:</b>	Not avail. @ 68°F (20°C)	<b>Density (lb/gal):</b>	Not available

## Section 10: Stability and Reactivity

**Chemical Stability:** The product is stable

**Conditions to avoid:** Contact with strong acids, bleach, and reducing agents

**Hazardous Decomposition Products:** None

**Incompatibility with other Materials:** Strong acids, bleach, and reducing agents

**Hazardous Polymerization:** Will not occur

## Section 11: Toxicological Information

**Effects of Acute Exposure:**

**Inhalation:** Non-volatile, non-harmful under normal use conditions.

**Skin contact:** Non-toxic and non-sensitizing to the skin.

**Eye contact:** May be mild ocular irritant.

**Ingestion:** Accidental ingestion may cause stomach upset.

**Effects of Chronic Exposure:**

**Inhalation:** Continuous exposure may be irritating.

**Skin contact:** Non-toxic and non-irritating.

**Eye contact:** Not available

**Ingestion:** Not available

Acute and chronic data is based on field use. Formal toxicity testing to be performed.

## Section 12: Ecological Information

**Environmental Hazards:** No data available

**Environmental Fate:** No data available

## Section 13: Disposal Considerations

**Waste Disposal:** Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

## Section 14: Transport Information

**Shipping Information:** Not regulated by DOT, IMO/IMDG and IATA/ICAO for ground, air or ocean shipments.

## Section 15: Regulatory Information

### U.S. Federal Regulations:

**TSCA:** All components appear in TSCA Inventory

**OSHA:** Refer to Section 8 for exposure limits.

### CERCLA SARA Hazard Category:

**Section 311 and 312:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Information not available.

**Section 313:** This product contains following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None

### State regulations:

State Right to Know information is not provided.

**California prop. 65 (no significant risk level):** None

### International Regulations:

**Canadian WHMIS:** Not controlled

**Canadian Environmental Protection Act (CEPA):** Additional information available upon request.

**EU Regulations:** Additional information available upon request.

## Section 16: Other Information

The information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Frontier Pharmaceutical, Inc. The Data on this sheet related only to the specific material designed herein. Frontier Pharmaceutical, Inc. assumes no legal responsibility for the use or reliance on this data.