



Health	0
Fire	0
Reactivity	0
Personal Protection	A

## Material Safety Data Sheet (MSDS)

lotus® PRO Sanitizing System

Version: May - 2009

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** lotus® PRO Sanitizing System

**Synonym(s):** Ozonated Water

**Catalog Code:** LBUxxx, LSRxxx, LSCxxx,  
LQFCxxx

**CAS#:** 7732-18-5

**RTECS:** ZC0110000

**TSCA :** TSCA 8(b) inventory : Water

**CI#:** Not available

**Chemical Name:** Water

**Chemical Formula:** H<sub>2</sub>O + O<sub>3</sub>

**Contact Information:**

Tersano (International) SRL

100 Sonwil Drive

Buffalo, NY 14225

**Toll-free (U.S.):** 1-800-808-1723

support@tersanoprofessional.com

www.tersanoprofessional.com

### SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENT(S)

**Composition:**

Name	CAS #	% by Weight
Water	7732-18-5	>99.99%
Ozone	10028-15-6	<0.01%

### SECTION 3. HAZARDS IDENTIFICATION

**Potential Acute Health Effects:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

**Potential Chronic Health Effects:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.

**Carcinogenic Effects:** Not available.

**Mutagenic Effects:** Not available.  
**Teratogenic Effects:** Not available.  
**Developmental Toxicity:** Not available.

#### SECTION 4. FIRST AID MEASURES

**Eye Contact:** Not applicable.  
**Skin Contact:** Not applicable.  
**Serious Skin Contact:** Not available.  
**Inhalation:** Not applicable.  
**Serious Inhalation:** Not available.  
**Ingestion:** Not applicable.  
**Serious Ingestion:** Not available.

#### SECTION 5. FIRE FIGHTING MEASURES

**Flammability of the Product:** Non-flammable.  
**Auto-Ignition Temperature:** Not applicable.  
**Flash Points:** Not applicable.  
**Flammable Limits:** Not applicable.  
**Products of Combustion:** Not available.  
**Fire Hazards in Presence of Various Substances:** Not applicable.  
**Explosion Hazards in Presence of Various Substances:** Not applicable.  
**Fire Fighting Media and Instructions:** Not applicable.  
**Special Remarks on Fire Hazards:** Not available.  
**Special Remarks on Explosion Hazards:** Not available.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Small Spill:** Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.  
**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

## SECTION 7. HANDLING AND STORAGE

**Precautions:** No specific safety phrase has been found applicable for this product.

**Storage:** Not applicable.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Not applicable.

**Personal Protection:** None required.

**Personal Protection in Case of a Large Spill:** Not applicable.

**Exposure Limit:** Not available.

## SECTION 9. PHYSICAL/CHEMICAL PROPERTIES

**Physical state and appearance:** Liquid.

**Odor:** Odorless.

**Taste:** Not available.

**Molecular Weight:** 18.02 g/mole

**Color:** Colorless.

**pH (1% soln/water):** 7 [Neutral]

**Boiling Point:** 100 °C (212 °F)

**Melting Point:** Not available.

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

**Vapor Pressure:** 2.3 kPa (@ 20 °C)

**Vapor Density:** 0.62 (Air = 1)

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not applicable.

**Solubility:** Not applicable.

## SECTION 10. STABILITY AND REACTIVITY DATA

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Routes of Entry:** Absorbed through skin. Eye contact.

**Toxicity to Animals:**

LD50: [Rat] – Route: oral; Dose: > 90 ml/kg

LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

### SECTION 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:**

Disposal must be in accordance with federal, state, and local regulations.

### SECTION 14. TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

### SECTION 15. REGULATORY INFORMATION

**Federal and State Regulations:** TSCA8(b) inventory: Water

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):** This product is not classified according to the EU regulations. Not applicable.

**HMIS (U.S.A.):**

Health Hazard: 0

Fire Hazard: 0

Reactivity: 0

Personal Protection: a

**National Fire Protection Association (U.S.A.):**

Health: 0

Flammability: 0

Reactivity: 0

Specific Hazard: 0

**Protective Equipment:**

Not applicable.

Lab coat.

Not applicable.

Safety glasses.

**SECTION 16. OTHER INFORMATION**

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:** 04/06/2006 08:33 PM

**Last Updated:** 05/20/2008 08:33 AM

The information above is believed to be accurate and represents the best information currently to us. However, we make no warranty of merchantability or any other warranty, express or implies, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Tersano (International) SRL be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Tersano (International) SRL has been advised of the possibility of such damages.