



|                     |   |
|---------------------|---|
| 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

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### 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.

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

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