



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

CAS#: 7732-18-5

RTECS: ZC0110000

TSCA : TSCA 8(b) inventory : Water

Cl#: Not available

Chemical Name: Water

Chemical Formula: H₂O + O₃

Contact Information:

Tersano (International) SRL

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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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