

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2013

Revision: 28.08.2013

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** LOTUS® PRO SANITIZING SYSTEM

**Recommended Use of the Chemical and Restriction on Use:**

The aqueous ozone can be used in a spray bottle as mopping system, carpet extractor or automatic scrubber.

**Details of Manufacturer or Importer:**

Tersano Australia Pty Limited  
45 Marrickville Road  
Marrickville NSW 2004

**Phone Number:** 02 8197 9929

**Emergency telephone number:** 13 11 26

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:** The product is not classified according to the Globally Harmonized System (GHS).

**Label Elements**

**Signal Word** Void

**Hazard Statements** Void

## 3 . COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions (ozone <0.01%)

**Hazardous Components:** Void

## 4 . FIRST AID MEASURES

**Inhalation:** No special measures required.

**Skin Contact:** No special measures required.

**Eye Contact:** No special measures required.

**Ingestion:** No special measures required.

## 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:** Non-flammable.

**Special Protective Equipment and Precautions for Fire Fighters:**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

## 6 . ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Not required.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

## 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:** No special measures required.

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**Conditions for Safe Storage:** No special measures required.

### 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards (Safe Work Australia):**

Ozone:

Long-term value: 0.1 Peak limitation / 0.2 Peak limitation

**Engineering Controls:** No special measures required.**Personal Protective Equipment (PPE):****Respiratory Protection:** Not required.**Skin Protection:** Not required.**Eye and Face Protection:**

Safety glasses with top and side shields or goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

### 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:****Form:** Liquid**Colour:** Colourless**Odour:** Odourless**Odour Threshold:** No information available**pH-Value:** 5-7 (1% solution)**Melting point/Melting range:** No information available**Initial Boiling Point/Boiling Range:** 100 °C**Flash Point:** Not applicable.**Flammability:** Not applicable.**Auto-ignition Temperature:** Not applicable**Decomposition Temperature:** Not applicable**Explosion Limits:****Lower:** Not applicable**Upper:** Not applicable**Vapour Pressure at 20 °C:** 23 kPa**Relative Density at 20 °C:** 1 g/cm<sup>3</sup>**Vapour Density at 20 °C:** 0.62 g/cm<sup>3</sup>**Evaporation Rate:** No information available**Solubility in Water:** Not applicable

### 10 . STABILITY AND REACTIVITY

**Possibility of Hazardous Reactions:** No hazardous reactions will occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** No information available**Incompatible Materials:** No information available**Hazardous Decomposition Products:** No information available

### 11 . TOXICOLOGICAL INFORMATION

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:** Dermal LD50 (rat) > 90 mL/kg

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**Acute Health Effects****Inhalation:**

Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive for lungs.

**Skin:**

Absorbed through skin. Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin.

**Eye:** Non-irritating to the eyes. Non-corrosive to the eyes.

**Ingestion:** Non-hazardous in case of ingestion.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** No sensitising effects known.

**Germ Cell Mutagenicity:**

Systematically, ozone has been reported to mimic the effects of ionizing radiation, and may cause damage to chromosomal structures.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** No information available

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available

**Aquatic toxicity:** No information available

**Persistence and Degradability:** No information available

**Bioaccumulative Potential:** No information available

**Mobility in Soil:** No information available

## 13 . DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 . TRANSPORT INFORMATION

**UN Number** Not applicable  
**ADG, IMDG, IATA** Void

**Proper Shipping Name** Not applicable  
**ADG, IMDG, IATA** Void

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**Dangerous Goods Class** Not applicable**ADG Class:** Void**Packing Group:** Not applicable**ADG, IMDG, IATA** Void**Marine pollutant:** No

### 15 . REGULATORY INFORMATION

#### Australian Inventory of Chemical Substances:

7732-18-5 Water

10028-15-6 ozone

### 16 . OTHER INFORMATION

**Creation Date:** 28.08.2013**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)

#### Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard

#### Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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