

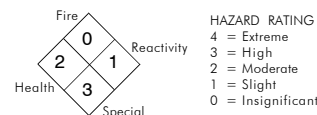


BL-15

Sodium Hypochlorite

EMERGENCY MEDICAL
TELEPHONE NUMBER
 1-913-588-6633

MATERIAL SAFETY DATA SHEET



SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Pur-O-Zone, Inc.
 345 N. Iowa Street, Lawrence, KS USA
 Telephone Number for information: 785-843-0771

Product Name: BL-15
Date Prepared: October 2002
 Prepared by Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

N/A = Not Applicable N/E = Not Established

Hazardous Components: CAS #s	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Sodium Hypochlorite 7681-52-9	N/E	N/E	N/E	

Carcinogenicity: NTP? No
 IARC Monographs? No
 OSHA Regulated? No

Signs and Symptoms of Exposure: **Skin and eyes:** Irritation, redness or burning. **Inhalation:** Irritation of respiratory tract tissues. **Ingestion:** Burning of the mouth, throat, esophagus and stomach.

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures: **Eyes and skin contact:** Flush with water for 15 minutes. Call physician if irritation persists. **Ingestion:** DO NOT induce vomiting. Give large quantities of water or milk. Call a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Collect and reuse if possible, absorb with inert material (sand, sawdust, etc.), or flush to sewer with large quantity of water if permitted by all local, state, and federal regulations. Do not allow runoff into public waterways.

Waste Disposal Method:

Flush to sewer with large quantity of water or dispose of inert material in a chemical landfill as permitted by all local, state and federal regulations.

Precautions to be Taken in Handling and Storing:

Store in a cool, dry place and away from other chemicals or direct sunlight. DO NOT REUSE CONTAINER.

Other Precautions: Keep out of reach of children.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F **Specific Gravity (H₂O=1):** 1.15
Vapor Pressure: N/E **Melting Point:** N/A
Vapor Density: N/E **Evaporation Rate (Water = 1):** <1
Solubility in Water: Complete
Appearance and Odor: yellowish green liquid with chlorine odor

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.

Ventilation: **Local Exhaust:** Recommended **Special:**
Mechanical (Gen.): OK **Other:**

Protective Gloves: Rubber **Eye Protection:** Face shield or safety goggles

Other Protective Clothing or Equipment: Chemical resistant apron.

Work/Hygiene Practices: Wash after using.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (Method Used): Non-flammable aqueous solution
Flammable Limits: N/A **LEL:** N/A **UEL:** N/A
Extinguishing Media: Water, CO₂, foam, dry chemical
Special Fire Fighting Procedures: Wear self-contained breathing apparatus
Unusual Fire and Explosion Hazards: None

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET. The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communications Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. Pur-O-Zone, Inc. however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Pur-O-Zone, Inc. be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this Material Safety Data Sheet. The ultimate compliance with federal, state or local regulations concerning the use or disposal of this compound, or compliance with respect to products liability rests solely upon the purchaser thereof.

SECTION V - PHYSICAL HAZARDS

Stability: Unstable **Conditions to Avoid:** N/A
 Stable **Conditions to Avoid:** N/A
Incompatibility (Materials to Avoid): Oxidizable organic materials, ammonia, urea, acids, other inorganic reducing compounds
Hazardous Decomposition: Chlorine gases, hydrogen chloride
Products or Byproducts: None
Hazardous Polymerization: May Occur **Conditions to Avoid:** N/A
 Will Not Occur **Conditions to Avoid:** N/A

SECTION VI - HEALTH HAZARDS

Route(s) of Entry: **Inhalation?** X **Skin?** X **Ingestion?** X
Health Hazards (Acute and Chronic):
Ingestion: Toxic. **Eyes and skin:** Corrosive to eye tissue and severe skin irritant.
Inhalation: Respiratory irritant.