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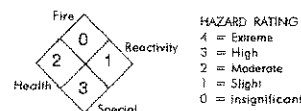


# BL-15

## 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

#### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212°F Specific Gravity (H<sub>2</sub>O=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 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, CO<sub>2</sub>, foam, dry chemical  
Special Fire Fighting Procedures: Wear self-contained breathing apparatus  
Unusual Fire and Explosion Hazards: None

#### 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? ☒ Skin? ☒ Ingestion? ☒  
Health Hazards (Acute and Chronic):  
Ingestion: Toxic. Eyes and skin: Corrosive to eye tissue and severe skin irritant.  
Inhalation: Respiratory irritant.

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 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.

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