

Hydro-Zone, Inc.  
17800 Telegraph Road, Romulus, MI 48174 (734)247-4488  
Emergency Telephone No.: 800-535-5053

**MATERIAL SAFETY DATA SHEET**

**I. GENERAL INFORMATION -----**

Code: NS1000  
Description: Nitrite Standard 1000ppm  
Chemical Name: Sodium Nitrite in Water  
Chemical Family: Inorganic Salt in Water

**II. INGREDIENTS -----**

Sodium Nitrite CAS # 7632-00-0 <1% W/V  
TLV/PEL: Not Established TXDS: orl-rat LD50: 3020 mg/kg  
Carcinogenicity: Not listed (IARC).  
  
Water CAS #7732-18-5 >97% W/V

**III. HEALTH HAZARD DATA -----**

To the best of our knowledge the toxic properties have not been thoroughly investigated. Ingestion and skin absorption may be harmful. Eye contact can cause irritation.  
Routes of Entry: Ingestion.

**First Aid:**

Eyes: Flush with water for at least 15 min; get immediate medical assistance.  
Skin: Remove contaminated clothing and wash with soap and water.

Inhalation: Move to fresh air & give artificial respiration if breathing has stopped.

Ingestion: Induce vomiting if conscious.

**GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE!**

**IV. PHYSICAL DATA -----**

Boiling Point: N/A Specific Gravity: 1.00  
Vapor Density: N/A  
Water Solubility: Miscible  
Appearance & Odor: Colorless, clear liquid

**V. FIRE & EXPLOSION HAZARD DATA -----**

Flash Point: N/A  
Extinguishing Media: Foam, CO2, dry chemical

Special Procedures: Wear self contained breathing apparatus and protective clothing if necessary.

Unusual Fire & Explosion Hazards: None indicated.

**VI. REACTIVITY DATA -----**

Conditions To Avoid: None indicated.

Hazardous Combustion & Decomposition Products:  
Thermal decomposition can produce toxic fumes.

**VII. SPECIAL PROTECTION -----**

Provide adequate general and local exhaust ventilation.  
Protect eyes and skin with safety goggles and gloves.  
Do not get in eyes, on skin or clothing.  
Wear self contained breathing apparatus in high vapor areas.  
Do not breathe vapors or mists.

**VIII. HANDLING AND STORAGE PRECAUTIONS -----**

Keep container tightly closed.  
Store in cool, dry, well ventilated area.  
Keep away from ignition source.  
Wash thoroughly after handling.  
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

**IX. ENVIRONMENTAL PROTECTION -----**

NFPA Hazard Rating:  
Health - 1, Flammability - 0, Reactivity - 0

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.

Waste Disposal: Comply with all local, state and federal regulations.

The above information is to be used only as a guide, and does not profess to be all inclusive. Hydro-Zone Inc. shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available  
Issue Date: 8/05  
Revised: