

# Material Safety Data Sheet

Number: **DMN0032**

Product Name: **Boiler-Rite™ #39**

A liquid water treatment.

Revised: 5/29/08

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## Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Sodium Nitrite	7632-00-0	10 - 20%	No

## Section 3 - Hazards Identification

**Emergency Overview:** Concentrate is very irritating to the eyes and irritating to the skin. Dilutions are irritating to the eyes and mildly irritating to the skin. A dark pink liquid with a mild odor. Product is water based and presents no hazard in a fire.

**Health Hazards:** Irritant

**Physical Hazards:** None

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

### Potential Health Effects:

**Eyes** - causes severe irritation, redness, tearing.

**Skin** - may cause irritation redness, dermatitis, especially on persons with sensitive skin.

**Swallowing** - causes irritation, nausea and diarrhea, possibly damage to mucous membranes.

**Breathing** - none.

## Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

**Skin Contact:** Wash the exposed area with soap and water. If irritation develops and persists, get medical attention. Remove contaminated clothing and launder before wearing again.

**Inhalation:** None.

**Ingestion:** If conscious, immediately induce vomiting by giving 2 glasses of water to drink and sticking a finger down the throat. Treat for shock by keeping person warm and quiet. Get medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

## Section 5 - Fire-Fighting Measures

**Flash Point:** none. (ASTM D-56 closed cup)

**Lower Explosive Limit:** Not Applicable

**Upper Explosive Limit:** Not Applicable

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** None.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Clean up small spills with a rag or mop. Spills of 2 gallons or less can be washed to a sanitary sewer with plenty of water. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

## Section 7 - Handling and Storage

Wash hands with soap and water after handling. Store at temperatures between 40° and 100° F. Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

## Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Sodium Nitrite	7632-00-0	10 - 20%			
(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous					

**Ventilation:** None.

**Respiratory Protection:** None.

**Gloves:** Wear rubber or latex gloves when handling.

**Eye Protection:** Wear safety glasses with side shields when handling concentrate.

