

Material Safety Data Sheet

Number: **DMN0371**

Product Name: **Boiler-Rite™ #68**

A liquid water treatment.

Revised: 5/29/08

Damon Industries, Inc.
Box 2120
Alliance, OH 44601

24 hour Emergency Only phone: 1-800-535-5053
Information phone: 1-800-362-9850 or 330-821-5310
fax: 330-821-6355

Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Sodium sulfite	7757-83-7	2 - 10%	No
Potassium sulfite	10117-68-5	2 - 10%	No
2-Amino-2-methyl-1-propanol	124-68-5	2 - 10%	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 colorless liquid with a slight odor. Product is water based and presents no hazard in a fire.

Health Hazards: Irritant, corrosive

Physical Hazards: None

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes - causes severe irritation, redness, tearing. May cause damage with prolonged contact.

Skin - causes irritation redness, dermatitis.

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

Breathing - excessive inhalation causes irritation.

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: Move the affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, a glass of water to drink. Get medical attention immediately.

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 sulfite	7757-83-7	2 - 10%	no established limits are available.		
Potassium sulfite	10117-68-5	2 - 10%	no established limits are available.		
2-Amino-2-methyl-1-propanol	124-68-5	2 - 10%	no established limits are available.		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: None.

Respiratory Protection: Good room ventilation.

Gloves: Wear rubber or latex gloves when handling.

Eye Protection: Wear safety glasses with side shields when handling concentrate. An eye wash station should be located within 10 seconds travel time from where the concentrate is mixed or used.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 215° F.

Specific Gravity: 1.23

Percent Volatiles: 75%

Solubility In Water: Complete

Appearance and Odor: A colorless liquid with a slight odor.

Vapor Pressure: Not Applicable

Vapor Density: Not Applicable

Evaporation Rate: Same as water.

pH: concentrate 11.0 ± 0.5

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: Skin - dermatitis.

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 2 gallons of concentrate in the sanitary sewer with a large amount of water. Larger amounts must be disposed of in an approved maner by trained and/or licensed handlers. Call Damon Industries at 1-800-362-9850 if you need more information or a waste/spill responder.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA®: H:1 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 10/18/01. Converted to ANSI format.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.