

Section 1 - Identification

Product Name: **Boiler-Rite™ #39** A liquid water treatment. Revised: 10/7/15

Damon Industries, Inc. 12435 Rockhill Ave NE Alliance, Ohio 44601 U.S.A.	1-800-362-9850 1-330-821-5310 1-330-821-6355 Fax info@DamonQ.com	24 HOUR EMERGENCY RESPONSE 1-800-535-5053 (U.S. & Canada) 001-352-323-3500 (International)
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Section 2 - Hazards Identification

Hazard categories: Acute Toxicity-Oral 4; Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A

Hazard statements: Harmful if swallowed.

Causes skin irritation and serious eye irritation.

Signal word: Warning

Pictograms: Exclamation

Precautionary statements

Prevention

Wash hands thoroughly after handling. Do not eat, drink or smoke while using this product.

Wear protective gloves such as latex. Wear eye protection such as safety glasses with side shields.

Response

IF SWALLOWED: Call a POISON CENTER if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage: Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.



Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	64%
Sodium Nitrite	7632-00-0	25%
Sodium tetraborate (Borax)	1303-96-4	5%
Sodium hydroxide	1310-73-2	2%
Sodium gluconate	527-07-1	1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

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: Call a POISON CENTER for advice on whether to induce vomiting or not. Treat for shock by keeping person warm and quiet. Never give anything by mouth to an unconscious or convulsing person.

Section 5 - Fire-Fighting Measures

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

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Sodium tetraborate (Borax)	12179-04-3	5%	5 mg/m ³ (2,4), 2 mg/m ³ (3)	6 mg/m ³ (3), 10 mg/m ³ (4)	-
Sodium Hydroxide	1310-73-2	2%	2 mg/m ³ (2)	-	2 mg/m ³ (3,4)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: None.

Respiratory Protection: None.

Gloves: Wear rubber or latex gloves when handling.

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

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A pink clear liquid with a mild odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 11.5 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.17
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 212° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 72%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

LD₅₀: 450 mg/kg oral (rat)

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - causes severe irritation, redness, tearing.

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

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

Breathing - none.

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 manner by trained and/or licensed handlers.

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:2 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 6/26/15. Corrected signal word to Warning.

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.

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