

Safety Data Sheet

Number: **DMN0023**

Section 1 - Identification

Product Name: **Boiler-Rite™ #12** A liquid water treatment.

Revised: 6/3/15

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)
---	---	---

Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A

Hazard statements: Causes skin irritation and serious eye irritation.

Signal word: Warning

Pictogram: Exclamation

Precautionary statements

Prevention

Wash hands thoroughly after handling.

Wear protective gloves such as latex.

Wear eye protection such as safety glasses with side shields.



Response

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: None. Disposal: None.

Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	84%
Dimethylethanolamine	108-01-0	7%
N,N-Diethylhydroxylamine	3710-84-7	4%

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. If eye irritation persists: Get medical attention.

Skin Contact: Wash the exposed skin with soap and water. If a large part of the body is drenched, remove clothing and flush the skin with water immediately. If irritation or redness develops, get medical attention.

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, give a glass of water or milk to drink. Get medical attention immediately.

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: Wear appropriate protective equipment such as gloves and safety glasses. Small spills of up to one gallon may be cleaned up with a rag or mop. Larger spills should be diked to prevent spreading and then absorbed with absorbent material and then disposed of appropriately. Contact Damon Industries for disposal assistance.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Do not weld or cut on or around drums or totes. Vapors in the air-space may be flammable. Keep a cover on the chemical mixing tank if one is used.

Section 8 - Exposure Controls / Personal Protection

None of the ingredients have known exposure limits or they are below OSHA reportable levels.

Ventilation: Normal room ventilation.

Respiratory Protection: It is not expected that airborne limits will be exceeded when used as directed.

Gloves: When changing containers, handling open containers or cleaning up spills wear resistant gloves such as neoprene or latex. Do not use disposable latex gloves.

Eye Protection: When changing containers, handling open containers or cleaning up spills wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A colorless liquid with a pungent amine (ammonia-like) odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 12.5 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.0
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: > 100° F. (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: 100%
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

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

Potential Health Effects:

Eyes - concentrate is very irritating and may cause permanent damage with prolonged contact. Dilutions cause irritation and redness. Excessive exposure to vapors may be irritating to the eyes.

Skin - contact with the concentrate or prolonged contact with dilutions causes skin irritation.

Swallowing - results in irritation of mucous membranes and the gastrointestinal tract and may cause vomiting, diarrhea, sweating, weakness or headache.

Breathing - excessive inhalation of vapors causes irritation of the nose and throat.

Section 12 - Ecological Information

Do not dispose of unusable product in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 1 gallon of concentrate in the sanitary sewer with a large amount of water. Larger amounts should be disposed of in an approved manner. Contact Damon for specific information.

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:1 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.

This sheet replaces one dated 5/23/14. GHS conversion.

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.