

**Section 1 - Identification**

Product Name: **Boiler-Rite #37** A liquid water treatment.

Revised: 10/7/15

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**Section 2 - Hazards Identification**

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

Hazard statements: Causes skin 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	87%
Sodium nitrate	7631-99-4	5%
Sodium silicate	1344-09-8	3%
Tolyltriazole	29385-43-1	2%

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. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

**Skin Contact:** Wash exposed area with soap and water. If irritation develops and persists, get medical attention.

**Inhalation:** None

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

**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:** Wipe or mop up small spills. Larger spills can be collected into clean pails or drums for later use or washed to a sanitary sewer with plenty of water.

**Section 7 - Handling and Storage**

Store at temperatures between 40° and 100° F.

**Section 8 - Exposure Controls / Personal Protection**

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Tolyltriazole	29385-43-1	2%	15 mg/m <sup>3</sup> (1), 10 mg/m <sup>3</sup> (3)	-	-

(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 when used as directed.

**Gloves:** Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves. Disposable latex gloves are okay.

**Eye Protection:** If eye contact with concentrate is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea.

**Other Protective Equipment:** None.

### Section 9 - Physical and Chemical Properties

<b>Appearance and Odor:</b> A colorless liquid with slight odor.	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> concentrate 11.0 ± 0.5	<b>Vapor Density:</b> Not Available
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.09
<b>Freezing Point:</b> Not Available	<b>Solubility(ies): Water:</b> 100%
<b>Boiling Point, Initial:</b> 212° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> None. (ASTM D-56 closed cup)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> ~1 (Water = 1)	<b>Viscosity:</b> Same as water.-
<b>Flammability: (solid, gas):</b> Not Applicable	<b>Volatiles Percent:</b> 89%
<b>Upper Explosive Limit:</b> None	<b>V.O.C.:</b> 0% - 0 grams/liter
<b>Lower Explosive Limit:</b> 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** - causes irritation, redness, tearing.

**Skin** - may cause irritation on persons with sensitive skin or with prolonged contact.

**Swallowing** - may cause nausea and diarrhea. Minimal toxicity.

**Breathing** - none.

### Section 12 - Ecological Information

Not hazardous, but do not dispose of in the environment.

### Section 13 - Disposal Considerations

**Waste Disposal Method:** Wash to a sanitary sewer with a large amount of water.

### 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:0 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.

Replaces sheet dated 6/26/15. Changed "eye irritation" to "serious eye irritation".

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.