

# Material Safety Data Sheet

Number: **DMN0056**

Product Name: **Cool-Rite™ #83**

A liquid water treatment.

Revised: 8/11/11

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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 Tolytriazole	64665-57-2	1 - 10%	No

## Section 3 - Hazards Identification

**Emergency Overview:** The concentrate is very irritating the eyes and may cause eye damage. Concentrate is very irritating to the skin. Diluted solutions may be irritating. Excessive inhalation of vapors may cause irritation. Product presents little hazard in a fire. A light yellow liquid with a pungent odor.

**Health Hazards:** Eye and Skin Irritant

**Physical Hazards:** None

**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.

**Skin** - contact with the concentrate causes skin irritation, redness with possible skin damage if allowed to remain in contact with skin for a long time.

**Swallowing** - results in irritation of mucous membranes and the gastrointestinal tract and may cause damage without prompt treatment.

**Breathing** - excessive inhalation of vapors causes irritation of the nose and throat, nausea or headache.

## 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:** For brief contact with a small area of skin, rinse the skin thoroughly with water. If a large part of the body is drenched, remove clothing and flush the skin with water immediately for at least 15 minutes. 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

**Flash Point:** None.

**Lower Explosive Limit:** Not Available

**Upper Explosive Limit:** Not Available

**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, safety glasses and boots as appropriate. 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 disposed of appropriately. Contact Damon Industries for disposal assistance.

## Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous.

## 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 Tolyltriazole	64665-57-2	1 - 10%	no established limits are known.		

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

**Ventilation:** Normal room ventilation.

**Respiratory Protection:** None 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:** An eyewash station should be located within 10 seconds travel of the use area.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** 212° F.

**Specific Gravity:** 1.04

**Percent Volatiles:** 95%

**Solubility In Water:** Complete

**Appearance and Odor:** A light yellow liquid with a pungent odor.

**Vapor Pressure:** Not Available

**Vapor Density:** Not Available

**Evaporation Rate:** Same as water.

**pH:** concentrate 12.8 ± 0.5

## Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

## Section 11 - Toxicological Information

**Target Organs:** None.

## Section 12 - Ecological Information

Do not dispose of unusable product in the environment. Do not run cooling tower bleed into 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: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.

This sheet replaces one dated 2/15/88.

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.