

# Material Safety Data Sheet

Number: **DMN0287**

## Product Name: **Neutra-Stat® 64**

A quaternary ammonium liquid detergent.

Revised: 7/12/10

Damon Industries, Inc.  
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Alliance, OH 44601

24 hour Emergency Only phone: 1-800-535-5053  
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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>
Didecyl Dimethyl Ammonium Chloride	7137-51-5	2.31%	No
n-Alkyl(C <sub>14</sub> 50% C <sub>12</sub> 40% C <sub>16</sub> 10%) Dimethyl Benzyl Ammonium Chloride	8001-54-5	1.54%	No

### Section 3 - Hazards Identification

**Emergency Overview:** Concentrate is irritating to the eyes and mildly irritating to the skin. Use-dilutions are mildly irritating to the eyes. The product is water based and presents little or no hazard in a fire. A yellow liquid with a lavender odor.

**Health Hazards:** Irritant

**Physical Hazards:** None

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

#### Potential Health Effects:

**Eyes** – concentrate causes severe irritation to the eyes. Use-dilutions may cause irritation, redness, tearing.

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

**Swallowing** - concentrate causes irritation or may cause damage to mucous membranes. Use-dilutions cause nausea and diarrhea because intestinal bacteria are killed. Minimal toxicity.

**Breathing** – none when used as directed.

### Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.

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

**Inhalation:** Move 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.

### 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:** 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

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Didecyl Dimethyl Ammonium Chloride	7137-51-5	2.31%	No limits have been established.		
n-Alkyl(C <sub>14</sub> 50% C <sub>12</sub> 40% C <sub>16</sub> 10%) Dimethyl Benzyl Ammonium Chloride	8001-54-5	1.54%	No limits have been established.		
(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:** Use neoprene or latex rubber gloves when handling concentrate. With use-dilutions, persons with sensitive skin or who use the product for prolonged periods may wish to wear gloves. Disposable latex gloves may be used with the concentrate and use-dilutions. Always check disposable latex gloves for tears when putting them on. If disposable gloves tear during use, remove them, rinse hands thoroughly in running water, dry them and put on new gloves.

**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

**Boiling Point:** 212° F.

**Specific Gravity:** 1.01

**Percent Volatiles:** 95%

**Solubility In Water:** Complete

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

**Vapor Pressure:** Not Available

**Vapor Density:** Not Available

**Evaporation Rate:** Same as water.

**pH:** 7.0 ± 1.0

## 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 pesticide products or rinse water the environment.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Wash to a sanitary sewer with a large amount of water. This product will reduce the bacteria count in septic systems depending on the amount put down the drain. It is a good idea to add bacteria to your system on a regular basis or after a product spill is washed down the drain. A product like Bacogen or Zymogen® works well.

## Section 14 - Transport Information

**D.O.T. Hazard Class:**  
Gallons & smaller: ORM-D

Larger sizes: Disinfectants, Liquid, Corrosive N.O.S., 8, UN1903,  
P.G. III (Contains Quaternary Ammonium Chloride)

## 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.

Replaces sheet dated 3/24/10.

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.