

# Material Safety Data Sheet

Number: **DMN0333**

## Product Name: **Neutra-Stat<sup>®</sup> HD**

A liquid quaternary ammonium disinfectant-detergent.

Revised: 7/12/10

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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	3.85%	No

### Section 3 - Hazards Identification

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

**Health Hazards:** Irritant

**Physical Hazards:** None

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

#### Potential Health Effects:

**Eyes** – concentrate is very irritating and may cause eye damage with prolonged contact. Use-dilutions may cause irritation, redness, tearing.

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

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

**Breathing** – excessive inhalation of vapors or mist may cause irritation.

### 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 the exposed area with soap and water. If irritation develops and persists, get medical attention. Launder clothing contaminated by concentrate before wearing again.

**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. (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, in small amounts, with plenty of water.

### Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

### 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	3.85%	No published 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. If sprayed mist is a nuisance wear an N-92 mask.

**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.

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

**Other Protective Equipment:** An eye-wash station should be within 10 seconds travel time of concentrate use areas.

### Section 9 - Physical and Chemical Properties

**Boiling Point:** 212° F.

**Specific Gravity:** 1.0

**Percent Volatiles:** 90%

**Solubility In Water:** Complete

**Appearance and Odor:** A red liquid with a lemon odor.

**Vapor Pressure:** Not Available

**Vapor Density:** Not Available

**Evaporation Rate:** Same as water.

**pH:** 7.5 ± 0.5

### Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

### Section 11 - Toxicological Information

**LD<sub>50</sub>:** 1,850 mg/kg (oral rat)

**Target Organs:** None.

### Section 12 - Ecological Information

Do not dispose of pesticide products or rinse water in the environment.

### Section 13 - Disposal Considerations

**Waste Disposal Method:** Wash in small amounts 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.

### Section 14 - Transport Information

**D.O.T. Hazard Class:** None

### 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 8/5/09. Updated D.O.T. shipping.

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.