

**MATERIAL SAFETY DATA SHEET**

**NFPA RATING:** Health = 0 Flammability = 0 Reactivity = 0

**HMIS RATING:** Health = 0 Flammability = 0 Reactivity = 0

**SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (565N-147A)**

**Manufacturer's Name:** HILLYARD INDUSTRIES

**Product Name:** ANTI-STAT

**Address:** 302 North Fourth Street

**Date Prepared:** December 10, 2012 (new)

St. Joseph, MO 64501

**Prepared by:** Regulatory Affairs Department

**Emergency Telephone No.:** (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.)

**Other information calls:** (816) 233-1321 (Ext. 8285)

<http://www.hillyard.com>

**SECTION II -- INGREDIENTS/IDENTITY INFORMATION****Components**

(Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
1-dodecanaminium, N,N,N-trimethyl-chloride (1:1) VOC = 0	112-00-5	Not available	Not available	Not available	<1%

**SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 210°F	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 25°C = 1.00	<b>Density =</b> 8.31 lbs/gal.
<b>Vapor Pressure (mm Hg.):</b> 17.54	<b>Percent Volatile by Weight (%):</b> > 99%	
<b>Vapor Density (AIR = 1):</b> 0.62	<b>Evaporation Rate (ethyl ether = 1):</b> < 1	
<b>Solubility in Water:</b> Complete	<b>Appearance and Odor:</b> Clear, Colorless liquid, citrus fragrance	
<b>pH (concentrate) =</b> 5.60 – 6.60		

**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA**

**Flash point:** None to 200° (T.C.C.)

**Flammable Limits:** LEL = N/A UEL = N/A

**Extinguishing Media:** Water spray, foam, dry chemical, CO<sub>2</sub>

**Special Fire Fighting Procedures:** Evacuate personnel to safe area, wear self-contained breathing apparatus

**Unusual Fire and Explosion Hazards:** Non-combustible. Active quaternary amine salts will burn, forming some toxic nitrogen oxides.

**SECTION V -- PHYSICAL HAZARDS**

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility (Materials to Avoid):** None known by Hillyard.

**Hazardous Decomposition Products or Byproducts:** None known by Hillyard.

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** N/A

**SECTION VI -- HEALTH HAZARD DATA**

**Routes of entry:** Inhalation? None known Skin? None known Ingestion? None known

**HEALTH HAZARDS (1. Acute and 2. Chronic)**

1. Mild eye irritation. Fine fog mist application is not recommended, if using spray application use coarse spray only.

2. None known to Hillyard

**Chemical listed as Carcinogen or Potential Carcinogen:**

**National Toxicology Program =** No **I.A.R.C. Monographs =** No **OSHA =** No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater than or equal to 0.1%.

**SECTION VI -- HEALTH HAZARD DATA cont.****Signs and Symptoms of Exposure:** None known**Medical Conditions Generally Aggravated by Exposure:** None known**Emergency and First Aid Procedures:** If splashed into eyes flush with water for 15 minutes.**SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE****Steps To Be Taken In Case Material Is Released Or Spilled:** Pick up with mop or wet vac and wash away with water or soak up with sawdust, sand, oil dry or other absorbent material.**Waste Disposal Method:** Waste from normal product use may be sewer to a public-owned treatment works (POTW) in compliance with applicable federal, state and local requirements. Wash small quantities down sewer with large amount of water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Large spills should be picked up with wet vac or absorbent material; dispose of per local, state and federal regulations.**Precautions To Be Taken In Handling And Storing:** Avoid breathing or inhalation of fog spray mist. When applying as a spray use exhaust ducts, drip pans and other design features to minimize worker exposure to mists or overspray. Avoid contamination of food. Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperatures.**Other Precautions:** This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Sec. 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and 40 CFR Part 372.**SECTION VIII -- CONTROL MEASURES****Respiratory Protection (Specify Type):** None required**Ventilation:****Local Exhaust =** Not required    **Mechanical (General) =** Suggested when spray applied    **Special =** N/A    **Other =** N/A**Protective Gloves:** None required    **Eye Protection:** Splash goggles when splashing of concentrate is a concern**Other Protective Clothing or Equipment:** Clothing sufficient to minimize physical contact.**Work / Hygienic Practices:** Do not take internally; wash thoroughly after handling.**SECTION IX - TRANSPORTATION INFORMATION****Applicable Regulations:** DOT = No; IMCO = No; IATA = No.**Proper shipping name:** Cleaning compound**UN NO.:** not applicable**Limited Qty.:** not applicable**Hazard Class:** not applicable**Labels required:** not required    **DOT Exception:** not applicable**EPA Hazardous waste number/code:** not listed**Hazardous waste characteristics:**Ignitability = not applicable; Corrosivity = not applicable; Reactivity = not applicable**DISCLAIMER OF WARRANTIES****NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.****The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.****THE BUYER OR USER ASSUMES ALL RISKS ASSOCIATED WITH THE USE, MISUSE OR DISPOSAL OF THIS PRODUCT. THE BUYER OR USER IS RESPONSIBLE TO COMPLY WITH ALL FEDERAL, STATE OR LOCAL REGULATIONS CONCERNING THE USE, MISUSE OR DISPOSAL OF THESE PRODUCTS.**