



SAFETY DATA SHEET  
Stow Guard - 0280

**Product Name:** Stow Guard  
**Date:** 6/30/2022

SECTION 1 **IDENTIFICATION**

**Supplier:** Phoenix Products Company  
55 Container Drive  
Terryville, CT 06786  
(860) 589-7502

**Distributor:**

**U.S. PERS Emergency Telephone:** 1-800-633-8253

**Product Name:** **Stow Guard**

**Synonyms:** Benzalkonium chloride; N-Benzyl-N,N-dimethyltetradecan-1-aminium chloride

**Chemical Name:** Alkyl (C14 60%, C16 30%, C12 5%, C18 5%) dimethyl benzyl ammonium chloride

**Chemical Formula:** C<sub>17</sub>H<sub>13</sub>NO<sub>3</sub>S

**CAS Number:** 53516-76-0

**Product Use:** Cleans, deodorizes, and prevents mildew.

SECTION 2 **HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**OSHA Regulatory Status:** This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

**Potential Health Effects**

**Inhalation:** Mild irritant. Symptoms may include coughing or sneezing. May cause irritation to the respiratory tract.

**Ingestion:** Substance has low toxicity by ingestion. Large amounts may cause gastric upset due to osmotic imbalance through the sequestering of metal ions.

**Skin Contact:** Mild irritant. Symptoms may include reddening or inflammation on prolonged contact.

**Eye Contact:** Causes irritation. Solutions are severe irritants to the eye and cause pain, redness, blurred vision.

**Chronic Exposure:** No information found.

**Aggravation of Pre-existing Conditions:** No information found.

SECTION 3 **COMPOSITION, INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>CAS Number</u>	<u>Percent</u>
Maquat TC 76-50	Mixture	<3%
Tergitol NP9	Mixture	<1%



SECTION 4 **FIRST-AID MEASURES**

**General Advice:** Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Wash with water for 15 minutes. See physician if irritation persists.

**Skin Contact:** Flush with water for 15 minutes. Remove and wash contaminated clothing. If symptoms persist, call a physician.

**Inhalation:** Remove to fresh air.

**Ingestion:** Drink large amounts of water to dilute. Call a physician. Do not induce vomiting except on advice of a physician.

**Most important symptoms/effects, acute and delayed:** The most important known symptoms and effects are described in the labeling in section 2 and/or in section 11.

**Notes to Physician:** Treat symptomatically.

SECTION 5 **FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical:** No information available.

**Explosion Data:**                   **Sensitivity to Mechanical Impact:** None.  
**Sensitivity to Static Discharge:** None.

**Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 **ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Avoid contact with the skin and the eyes. Use personal protective equipment. Ensure adequate ventilation.

**Environmental Precautions:** No special environmental precautions required. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Mop up & flush to sanitary sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

SECTION 7 **HANDLING AND STORAGE**

**Advice On Safe Handling:** Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product.

**Technical Measures/Storage Conditions:** Keep tightly closed in a dry and cool place. Keep out of the reach of children.

**Incompatible Products:** None known based on information supplied.



**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines:** No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

**Engineering Measures:** None under normal use conditions.

**Personal Protective Equipment**

**Eye/Face Protection:** Splash-proof chemical goggles or face shield.

**Skin and Body Protection:** Rubber gloves.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures:** Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Liquid
<b>Odor:</b>	Lemon odor
<b>pH:</b>	6-9 for 10% Aqueous Solution
<b>Flash Point:</b>	120°F (48.8°C) - Pensky Martin Closed Cup
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	0.95 (8 lbs/gal)
<b>Percent Volatile (by wt.):</b>	50% (weight %)
<b>Vapor Pressure:</b>	24 mmHg
<b>VOC Content:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Viscosity:</b>	75Cst cps @ 25°C
<b>Evaporation Rate:</b>	Not determined.
<b>Solubility in Water:</b>	Soluble

**SECTION 10 STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under recommended storage conditions.  
**Possibility of Hazardous Reactions:** None under normal processing.  
**Conditions to Avoid:** Extremes of temperature and direct sunlight.  
**Incompatible Materials:** None known based on information supplied.  
**Hazardous Decomposition Products:** None known based on information supplied.

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure**

**Product Information:** Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation:** Not an expected route of exposure.

**Eye Contact:** Irritating to eyes.

**Skin Contact:** Prolonged contact may cause redness and irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.



SECTION 11 **TOXICOLOGICAL INFORMATION - Continued**

**Information on Toxicological Effects**

**Symptoms:** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** No information available.

**Mutagenic effects:** No information available.

**Carcinogenicity:** No information available.

**Reproductive toxicity:** No information available.

**STOT - single exposure:** No information available.

**STOT - repeated exposure:** No information available.

**Chronic Toxicity:** No known chronic effects of components present at greater than 1%.

**Aspiration hazard:** No information available.

SECTION 12 **ECOLOGICAL INFORMATION**

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Environmental Fate:** This product is biodegradable

SECTION 13 **DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:** Do not reuse container.

SECTION 14 **TRANSPORTATION DATA**

**DOT:** Not Regulated

**TDG:** Not Regulated

**MEX:** Not Regulated

**IATA:** Not Regulated

SECTION 15 **REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies

**DSL/NDSL** Complies

**EINECS/ELINCS** Complies

**ENCS** -

**IECSC** Complies

**KECL** Complies

**PICCS** Complies

**AICS** Complies



SECTION 15 **REGULATORY INFORMATION**

**Legend:**

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** no

**Chronic Health Hazard** no

**Fire Hazard** no

**Sudden Release of Pressure Hazard** no

**Reactive Hazard** no

**Clean Water Act:** This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

**CERCLA:** This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

**U.S. State Regulations**

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations:** This product contains substances regulated by state right-to-know regulations.

SECTION 16 **ADDITIONAL INFORMATION**

<b>NFPA:</b>	Health Hazards 1	Flammability 0	Instability 0	Physical and chemical hazards -
<b>HMIS:</b>	Health hazard 1	Flammability 0	Physical Hazards 0	Personal protection X

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: 6/30/2022  
Phoenix Products Company