

# Safety Data Sheet

STERAMINE 1-G TABLETS

Date Prepared: 09-24-2013

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** STERAMINE 1-G TABLETS

**Product Use Description:** Tablets are dissolved at the ratio of one tablet (weight 1.5 grams each) per gallon of water to produce the 200 ppm concentration of quaternary sanitizing solution required for sanitizing food contact articles and surfaces in public eating places, schools, institutions, and food and dairy processing establishments.

**Product Manufacturer:** Edwards-Councilor Co., Inc.  
1427 Baker Road  
Virginia Beach, VA 23455

**Phone for Information:** 800-444-8227  
**Emergency Phone No. :** 800-424-9300 (ChemTrec)

## 2. HAZARDS IDENTIFICATION

**SIGNAL WORD:** WARNING

**PICTOGRAM:** EXCLAMATION MARK



**Hazard Summary:** This product being in solid tablet form, with a weight of 1.5 grams, is unlikely to present a hazard in handling to the eyes, skin, or nose as opposed to the hazards of spilling and splashing inherent when handling liquid or powdered products. However, if tablets are crushed and dust is created, the dust may be irritating to the nose, eyes and skin if contact is prolonged. Oral ingestion may be harmful. Tablets taste extremely bitter, especially to children, which helps reduce the chance of accidental ingestion of enough tablets to be harmful.

## 3. COMPOSITION / HAZARDOUS INGREDIENTS

**CHEMICAL NAME**

**C.A.S. Number**

**WEIGHT – Percent**

Alkyl (C14 95%, C12 3%, C16 2%) Dimethyl Benzyl  
Ammonium Chloride Dihydrate (Quaternary Ammonium Compound)

68424-85-1

50%

Other Ingredients (proprietary)

50%

## 4. FIRST AID MEASURES

**WARNING:** Tablet dust causes substantial but temporary eye injury. Do not get dust in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Tablets may be harmful if swallowed.

**First Aid Procedures:**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses if present after first 5 minutes, then continue rinsing eye. Call a poison center or doctor for treatment advice.

**IF ON SKIN:** Rinse immediately with water for 15 – 20 minutes. If irritation persists, call poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give any thing by mouth to an unconscious person. Have the product label or container with you when calling a poison control center or doctor, or going for treatment.

## 5. FIRE FIGHTING MEASURES

**Flammable properties**

**Flash point:** > 212°F (100°C)

**Ignition Temperature:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

**Suitable extinguishing media:** Water Spray - Dry Powder - Foam

**Protective Equipment and precautions for firefighters**

**Specific hazards during fire-fighting:** ..... Heating or fire can release toxic gas.

**Special protection equipment for fire-fighters:**..... In the event of fire, wear self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

No special precautions are required in the event of spillage of tablets when handling. If tablets are not broken, they may be used. If tablets are broken and crushed, sweep them up and dispose of them on site or at an approved waste disposal facility.

## 7. HANDLING AND STORAGE

**Handling:** No special handling measures required.

**Storage:** Store STERAMINE 1-G TABLETS in original container in areas inaccessible to persons unfamiliar with its use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines :** Tablets contain no substances with occupational exposure limit values.

**Personal Protective Equipment**

**Eye protection equipment:**..... None required.

**Skin and Body Protection:**.....None required.

**Hand Protection:** ..... None required.

**Respiratory protection:**.....None required.

**Hygiene measures:** ..... Wash hands after handling tablets.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

**Form:** solid, small, 1.5 gram tablet      **Color:** bluish white      **Odor:** none

**Safety Data**

**Flash Point:** ..... >212°F (100°C)

**Ignition temperature:** ..... No data available

**Upper explosion limit:** ..... Not applicable

**Lower explosion limit:** ..... Not applicable

**pH:** ..... Not applicable

**Crystallization point:** Not applicable

**Boiling point:** ..... Not applicable

**Vapor pressure:** ..... Not applicable

**Melting Point:**.....>120°F

**Density:** ..... Not applicable

**Water solubility:** ..... Soluble

**Viscosity, dynamic:** ..... Not applicable

**Relative vapor density:**..... Not applicable

**10. STABILITY AND REACTIVITY**

**Conditions to avoid:** Temperatures above 125°

**Materials to avoid:** Strong oxidizing or reducing agents

**Hazardous reactions:** ..... Hazardous polymerization does not occur.

**Note:** Stable under normal conditions.

**Hazardous decomposition**

**Products:** .....Hydrogen chloride gas

Nitrogen oxides

Carbon oxides

**11. TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:** Eyes, Skin, Ingestion, Inhalation.

**INFORMATION ON ROUTES OF EXPOSURE:** No LC50 test data on mixture.

**ACUTE EFFECTS / SYMPTOMS**

**EYES:** Causes eye irritation.

**SKIN:** Typically, non-irritation to intact skin.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Dust from crushed tablets causes irritation.

**CHRONIC / OTHER EFFECTS:** No reportable mutagens, sensitizers, synergistic materials, reproductive toxins, developmental toxins, or aspiration hazards.

**SPECIFIC TARGET ORGANS (SINGLE/REPEATED):** None known.

**NUMERICAL MEASURES OF TOXICITY:** Acute oral toxicity LD50 (mice) = 530 mg / kg

**CARCINOGENS:** Contains no reportable ACGIH, IARC, NTP, or OSHA CARCINOGENS.

**12. ECOLOGICAL INFORMATION**

No information on ecology is available.

**13. STORAGE AND DISPOSAL CONSIDERATIONS**

Do not contaminate water, food or feed by storage and disposal. Store in original container in areas inaccessible to persons unfamiliar with its use, non refillable container. Do not reuse or refill this tablet container. Triple rinse container promptly after emptying. Offer empty container for recycling if available or discard in trash. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

**14. TRANSPORT INFORMATION**

DOT ..... Not dangerous goods

TDG ..... Not dangerous goods

IATA .....Not dangerous goods

RID .....Not dangerous goods

**15. REGULATORY INFORMATION**

**EPA CERCLA RQ:** N.A.P.

**EPA REGISTERED:** YES (1561-11) This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling Requirements under Federal Pesticide Law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

**WARNING:** Tablet dust causes substantial but temporary eye injury. Tablets may be harmful if swallowed.

**OSHA HAZARDOUS:** YES

**PHOSPHORUS CONTENT:** SEE LABEL

**PROPOSITION 65:** NO

**SARA 311/312 HAZARDS:** ACUTE

**SARA 313 CHEMICALS:** NO

**STATE RIGHT TO KNOW:** See section 3 for state RTK chemical names.

**TSCA INVENTORY STATUS:** All components are listed on the inventory.

**VOC:** 0.00% calculation method used is based on California ARB Standard.

**16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for material used in combination with any other materials or in any process, unless specified in the text.

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