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.

Hand Protection: ..... None required.

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

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

Respiratory protection:.....None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

Melting Point:.....>120°F		
Flash Point: ..... >212°F (100°C)	**pH:** .....Not applicable	**Density:** .....Not applicable
Ignition temperature: ..... No data available	**Crystallization point:** Not applicable	**Water solubility:** ..... Soluble
Upper explosion limit: .....Not applicable	**Boiling point:** .....Not applicable	**Viscosity, dynamic:** .....Not applicable
Lower explosion limit: ..... Not applicable	**Vapor pressure:** .....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. TOXICOLIGICAL 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.AP.
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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