

Supplied By:



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Material Safety Data Sheet

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This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: STERAMINE QUAT SANITIZER TABLETS
Product Number: K602
Product Use: Sanitizer solution for food contact surfaces

DOT Classification: Not Regulated
Proper Shipping Name: Not Regulated
EPA Registration No.: 1561-11

1 Health	Hazard Rating 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant
1 Fire	
0 Reactivity	
Maximum Personal Production	

H.M.I.S

Abbreviation Key:
N.A.-Not Applicable
N.E.-Not Established
N.D.-Not Determined

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

	Case No.	%	TLV Units
Ammonium Chloride Dihydrate (Quaternary Ammonium Compound-Myristalkonium Chloride)	#8001-54-5	<5%	N/A

Toxic Chemical Reporting: No Chemicals.

Section 3: Physical Data

Color: White
Odor: Odorless
Physical State: Solid (Tablet)
Solubility in Water: Soluble
Boiling Point: N/A
Flash Point PMCC: >200 F°
Freezing/Melting Point (Deg/F): >125 F°
% Volatile by Volume: Non Volatile
Heat of Solution: N/A
Specific Gravity (Water=1): N/A

Section 4: Fire and Explosion Hazard Data

Flash Point PMCC (Method Used): >200 F°
Flammable Limits: LEL: N/E UEL: N/E
Extinguishing Media:
Water spray, carbon dioxide, dry chemicals, foam.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

Section 5: Reactivity Data

Chemical Stability: Stable
Incompatibility (Materials to avoid): Strong Oxidizing Agents
Hazardous Decomposition Products: Carbon Mono/Dioxide
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: Contamination of Food
Waste Disposal: Do not reuse empty container. Wrap container and put in trash. Solution may be disposed with washwater into sewage system.

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

Section 6: Health Hazard Data

Threshold Limit Value: N/E
Eyes: Possible irritation
Ingestion: Nausea, Vomiting
Skin: Possible irritation
Inhalation: Unlikely

The product in tablet form is unlikely to present a hazard in handling to skin or eyes unless tablets are crushed and dust is created. Dust may be irritating to eyes and skin. Oral ingestion may be harmful.

Emergency & First Aid Procedures:

Eyes & Skin: Immediately flush open eyes and wash skin with large amounts of water for at least 15 minutes. Washing eyes within one minute is essential. Seek immediate medical attention if irritation persists.

Inhalation: Remove victim to fresh air.

Ingestion: Give large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously, keep head lower than lungs to prevent aspiration of chemical into lungs. Never give anything by mouth to an unconscious person. Avoid Alcohol. Seek immediate medical attention.

Note to Physician:

Mucosal damage may contraindicate use of gastric lavage. measures against circulatory shock, respiratory depression & convulsion may be needed.

Section 7: Special Protection Information

Respiratory Protection (Specify Type): None needed.
Ventilation: None Needed
Protective Gloves: None needed.
Eye Protection: None needed
Other Protective Equipment: Eye wash and shower for emergency use should be located in working area.

Sanitizing solutions produced per the directions specified by the label are considered non-hazardous and are in compliance with regulations of the EPA and FDA.

Section 8: Special Precautions

Precautions to be taken in handling and storage:
Keep out of reach of children. Store in dry place. Keep container of prepared solution closed when not in use. Do not contaminate food by storage or disposal. Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep containers closed when not in use. Wash hands after handling.

Section 9: Empty Container Information

Do not reuse empty container. Wrap container and put in trash. Solution may be disposed with washwater into sewage system.

Section 10: Preparation Information

Prepared By: Regulatory Affairs Department
Phone: 812-336-4817
Date of Preparation: July, 2005



Steramine Tablets

Technical Data Sheet

*Quaternary
Based
Institutional
Sanitizer*

Concentrated

*Long
Lasting
Effectiveness*

*No-Rinse
Formulation*

Product Description

Steramine Quat Sanitizer Tablets are concentrated tablets for use in preparing no-rinse sanitizing solutions. Premeasured, easy to use, and fast drying. Prepared solutions can be used as a sanitizer food and beverage equipment, as a sanitizing rinse for glassware, dishes, utensils, and pots, and as a general purpose spray surface sanitizer. This product fulfills the sanitizing criteria of the US Public Health Service in waters up to 500 ppm of hardness. Controls cross-contamination of inanimate surfaces. Kills HIV-1 AIDS Virus when used as directed for sanitizing.

Use Directions

FOR SANITIZING RINSE: Dissolve one tablet per one gallon of water in the third sink compartment. First wash utensils and glasses with a good detergent then rinse thoroughly with clean water. Immerse items in sanitizer solution for at least one minute. DO NOT RERINSE. Place items on rack to air dry.

FOR SPRAYING: Dissolve one tablet per one gallon of water. Put solution in approved sprayer. First wash and rinse area thoroughly. Spray solution on surface and allow to remain wet for at least one minute. DO NOT RINSE. Allow area to air dry.

Areas of Use

Designed to be used anywhere an effective quaternary sanitizer is needed.

Safety Precautions

Caution! Harmful if swallowed. Irritating to eyes. Read product label and MSDS for complete lists of hazards. Keep out of reach of children.

Shipping Classification

Cleaning & Sanitizing Compound

Packaging

6/150 plastic bottles per case

Properties

FORM: White Solid
PRIMARY HAZARD: If crushed, possible dust irritation to eyes
COMPOSITION: Detergent, water conditioner, alkaline builder, quat sanitizer.