

MSDS - Material Safety Data Sheet**Product Name: SaniZide Plus Germicidal Solution**

MSDS No.: DC32-128

I. Basic Information:

Manufacturer: SAFETEC of AMERICA

Address: 1055 East Delavan Ave.

City, ST Zip: Buffalo, NY 14215

Emergency Contact: CHEMTREC

Emergency Telephone Number: 800-424-9300

Contact: Sirchie Finger Print Labs Tech Support

Information Telephone Number: 919-554-2244

Last Update: 01/26/2011

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients: Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
68391015	Alkyl-dimethyl-benzyl-ammonium chloride	N/D							N/E	N/E	
68956796	Alkyl-dimethyl-ethyl-benzyl-ammonium chloride	N/D							N/E	N/E	

III. Hazardous Identification:

Hazard Category:

 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

INHALATION: Brief (minutes) inhalation will not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract.

EYES: Brief contact to gel or vapors may cause mild irritation; prolonged contact may cause moderate irritation associated with redness.

INGESTION: Small amounts swallowed incidental to normal handling are not likely to cause injury. Swallowing larger amounts may cause injury.

SKIN: Prolonged contact with skin may cause irritation.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Acute effects are possible irritation and discomfort. Chronic: No known chronic effects have been established.

Signs and Symptoms:

See Section III

Medical Conditions Generally Aggravated by Exposure:

Preexisting skin, eye or respiratory disorders may become aggravated through prolonged exposure.

MSDS - Material Safety Data Sheet

Product Name: SaniZide Plus Germicidal Solution

MSDS No.: DC32-128

Emergency and First Aid Procedures:

EYES: Flush with water for at least 25 minutes, occasionally lifting eyelids. If irritation persists, seek medical attention.

SKIN: If irritation occurs, wash with mild soap and water for at least 15-minutes. If irritation persists, see a physician.

INHALATION: Remove to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.

INGESTION: DO NOT induce vomiting; seek immediate medical attention.

Other Health Warnings:

When used as directed, this product is not considered hazardous.

V. Fire Fighting Measures:

Flash Point: 200 F

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

F.P. Method:

Fire Extinguishing Media: Use CO2, water, dry chemicals, synthetic foam. Type BC or ABC extinguishers.

Special Fire Fighting Procedures:

Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors.

Unusual Fire and Explosion:

Vapors can be heavier than air. Strong acids and bases react with aluminum to form hydrogen, which is explosive if ignited.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Provide adequate ventilation. Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Store in cool and dry area away from ignition sources. Recommended storage is at 50 F-120 F. Keep out of reach of children.

Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Ventilation: Local exhaust recommended.

Personal Protective Equipment:

Respiratory protection: none normally required

Eye protection: Safety glasses recommended.

Skin protection: Impervious gloves to prevent prolonged contact.

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MSDS No.: DC32-128

IX. Physical and Chemical Properties:

Boiling Point: 200 F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): Slower than Ethyl ether

Vapor Pressure (mm Hg.): No data

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): >1

Solubility In Water: Complete

Appearance and Odor: Clear liquid

Other Information: N/A

X. Stability and Reactivity:

Stability:

Normally stable.

Incompatibility (Materials to Avoid):

Strong oxidizers; anionic materials.

Decomposition/By Products:

Will not occur if handled and stored properly. Thermal decomposition may emit nitrous oxides, ammoniacal vapors.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Safe when used for its intended purpose.

XII. Ecological Information:

None established.

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

Not regulated.

XV. Regulatory Information:

Not regulated

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

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