

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 3

Reactivity: 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address: **Franklin Cleaning Technology - P.O. Box 214 - Great Bend, KS 67530**

Product Name: AQ+ Sanitizer and Deodorizer

Product Number: F5940

Chemical Family: Quaternary Germicide

Package Size: 64 fl oz; 1.9 L

EPA Reg. No: N/A

Emergency Telephone No. (620) 792-1711

Preparer: Tom Keyse

Date: 05/13/05

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
*Water	7732-18-5	NE	NE	<85
*Alkyl dimethyl benzyl ammonium chloride	68424-85-1	NE	NE	3.0
*Octyl decyl dimethyl ammonium chloride	68424-95-3	NE	NE	2.25
Ethanol	64-17-5	1000 ppm	1000 ppm	<5

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	<input checked="" type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Liquid/Solid	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Combustible	<input type="checkbox"/>	Flammable Aerosol	<input type="checkbox"/>	Pyrophoric	<input type="checkbox"/>	Oxidizer	<input type="checkbox"/>
Compressed Gas	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Unstable - Reactive:	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>

Boiling Point, °F: 212F

Solubility in Water: Complete

Evaporation Rate: 1

Vapor Pressure: ND

Specific Gravity (water =1): 0.988

pH: 7.0

Vapor Density: ND

%Volatiles by Weight: 92

Appearance and Odor: Clear, colorless liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: None

Special Fire: None

Fighting Procedures:

Unusual Fire and: Products of combustion may be toxic

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid: Do not mix with soap or detergents. Mix only with water.

Incompatibility: Acids
(Materials to Avoid)

Hazardous Decomposition: Thermal decomposition may produce toxic vapors/fumes of amines and other organic
Products or Byproducts: materials, and oxides of carbon and nitrogen.

Hazardous Polymerization: May Occur: Will Not Occur:
Conditions to Avoid:

Comments:

* Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker and Community Right to Know Act of 1983.

Volatile Organic Compounds (VOC's)=<5% (calculated)

SECTION VI - HEALTH HAZARD DATA

F5940

Route (s) of entry: Inhalation Skin: Eye: Ingestion:

No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Irritant	<input type="checkbox"/>	Carcinogen	<input type="checkbox"/>
Highly Toxic	<input type="checkbox"/>	Corrosive	<input checked="" type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>

TARGET ORGANS

Lungs	<input type="checkbox"/>	Eyes	<input checked="" type="checkbox"/>	Blood	<input type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input type="checkbox"/>	Prostate	<input type="checkbox"/>	Mutagen	<input type="checkbox"/>	Cardiovascular System	<input type="checkbox"/>	Respiratory System	<input type="checkbox"/>

Carcinogenicity: None Known NTP: IARC: OSHA Regulated

Medical Conditions Generally Aggravated by Exposure:

None known

Signs and Symptoms of Exposure:

Causes eye damage and severe skin irritation. Harmful if swallowed.

Emergency and First Aid Procedures:

In case of contact, immediately flush eyes or skin with water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Contain spill, then absorb material with inert absorbant material or mop. Avoid contamination of food, water, or feed.

Waste Disposal Method:

Single Unit: Wrap in newspaper and discard in trash receptacle. Large quantities: Dispose in accordance with Local, State and Federal Regulations.

Potential EPA Hazardous Waste Code(s): N/A

Steps to be taken in handling and storage:

Store in closed container at 40-90 F. Read and follow label use instructions. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):

None required

Ventilation: Local Exhaust: Not required Special: Not required
Mechanical: Not required

Protective Gloves: Required Eye Protection: Goggles or face shield

Other Protective Clothing and Equipment:

Eye wash, safety shower, protective clothing (long sleeves, coveralls or other)

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

1 Gallon or smaller: Consumer Commodity, ORM-D; 5 & 55 Gal: Disinfectant Liquid, Corrosive, n.o.s. (Quaternary Ammonium Chloride), 8, UN1903 PG III,

NE = Not Established

N/A = Not Applicable