

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

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

Product Name: Shurfil #7 Q-256 One-Step Disinfectant Germicidal Detergent Product Number: SF5907

Chemical Family: Germicidal Detergent

Package Size: 64 fl.oz; 1.9L

EPA Reg. No: 47371-129-1124 Emergency Telephone No. (620) 792-1711

International:

Preparer L. Gray

Date: 03/30/07

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
N, N-Didecyl-N, N-dimethylammonium chloride	7173-51-5	NE	NE	9.7
N-Alkyl (C12-16)-N, N-dimethyl-N-benzylammonium chloride	8001-54-5	NE	NE	6.47
N, N-Dimethyl-1-octylamine-N-oxide	2605-78-9	NE	NE	3.2
Ethanol	64-17-5	1000 ppm	1000 ppm	3.1
*Ethylenediaminetetraacetic acid, tetrasodium salt	150-38-9			
*Water	7732-18-5			

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: Unknown

Specific Gravity (water =1): 1.04

pH: 7.7

Vapor Density: N/A

%Volatiles by Weight: 76

Appearance and Odor: Dark blue liquid with citrus fragrance.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): >200°F

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: Foam, CO2, Dry Chemical, Water

Special Fire Fighting Procedures: Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.

Unusual Fire and Explosion Hazards: Products of combustion are toxic.

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable Conditions to Avoid: N/A

Incompatibility: Strong oxidizing or reducing agents.
(Materials to Avoid)

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

Hazardous Polymerization: May Occur: Will Not Occur:
Conditions to Avoid: None known.

Comments:

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

SECTION VI - HEALTH HAZARD DATA

SF5907

Route (s) of entry:	Inhalation	<input checked="" type="checkbox"/>	Skin:	<input checked="" type="checkbox"/>	Eye:	<input checked="" type="checkbox"/>	Ingestion:	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	NTP:	<input type="checkbox"/>	IARC:	<input type="checkbox"/>	OSHA Regulated	<input type="checkbox"/>	

Medical Conditions Generally Aggravated by Exposure:

None known

Signs and Symptoms of Exposure:

Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed.

Emergency and 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 the first 5 minutes, then continue rinsing eye. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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

Small Spill: Mop up, rinse with water. Large Spill: Absorb with an inert absorbent, dike or turn over container as applicable.

Waste Disposal Method:

Small Amount: Wrap in newspaper and discard in trash container. Large Amount: 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:

Keep from freezing. Store at 40 - 90F. Keep containers closed until used. Read and follow label use directions. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):

In processes where mists or vapors may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

Ventilation:	Local Exhaust:	Special:
	Mechanical: Optional	

Protective Gloves: Required Eye Protection: Required

Other Protective Clothing and Equipment:

Eye wash; safety shower; protective clothing

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

Disinfectants, corrosive, liquid, n.o.s. (Quaternary Ammonium chlorides), 8, UN1903, PGII, ERG 153

NE = Not Established

N/A = Not Applicable