

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: Sentinel II

Product Number: F2430

Chemical Family: Germicidal Detergent

Package Size: 1,5 & 55G; 3.8L

EPA Reg. No: 10324-93-1126

Emergency Telephone No. (620) 792-1711

International:

Preparer: R McPherson

Date: 10/10/11

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Deionized Water	7732-18-5	NE	NE	>80
Alkyl dimethyl benzyl ammonium chloride, C12-18	68391-01-5	NE	NE	<3
Alkyl dimethyl ethyl benzyl ammonium chloride, C12-14	68956-79-6	NE	NE	<3
Ethanol	64-17-5	1000 ppm	1000 ppm	<0.5

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: NA

Solubility in Water: Complete

Evaporation Rate: NA

Vapor Pressure: NA

Specific Gravity (water =1): 1.039

pH: 12.0

Vapor Density: N/A

%Volatiles by Weight: NA

Appearance and Odor: Clear, blue liquid .

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): >200F

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: Dry Chemical, Foam, Carbon Dioxide or Water

Special Fire: None

Fighting Procedures:

Unusual Fire and Explosion Hazards: Products of combustion may include fumes and gases of an irritant and toxic nature.

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid: Keep away from heat and strong oxidizing agents

Incompatibility: Strong oxidizing and reducing agents
(Materials to Avoid)

Hazardous Decomposition Products or Byproducts: Carbon monoxide, Carbon Dioxide and Hydrogen Chloride vapors

Hazardous Polymerization: May Occur: Will Not Occur:
Conditions to Avoid: N/A

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.

Volatile Organic Compounds (VOC's) < 1%

SECTION VI - HEALTH HAZARD DATA

F2430

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

Causes irreversible eye damage and skin burns. Redness, soreness of eyes or skin; Harmful or fatal 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 rinse skin immediately with plenty of water. 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. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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: Use inert absorbent and place in a container for disposal.

Waste Disposal Method:

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 upright in original container. Store at 40 - 90F. Read and follow label use directions. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):

None required

Ventilation: Local Exhaust: Recommended Special: None required

Mechanical: None required

Protective Gloves: Recommended

Eye Protection: Recommended

Other Protective Clothing and Equipment:

Protective apron or coveralls

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

1 Gallon - ORM-D; Over one gallon UN1903, Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Chloride), 8, PGIII

NE = Not Established N/D Not-Determined

N/A = Not Applicable

