

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 ANSI Standard Z400.1-1993

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Company Name, Address: **Franklin Cleaning Technology - One Fuller Way - 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: 12/18/12

Signature:

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview:

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"/>	Irritant	<input type="checkbox"/>	Toxic	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>	See Target Organs	<input checked="" type="checkbox"/>
Carcinogen	<input type="checkbox"/>	Corrosive	<input checked="" type="checkbox"/>	Highly Toxic	<input type="checkbox"/>	Reproductive toxin	<input 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"/>		

Potential Health Effects:

Causes irreversible eye damage and skin burns. Redness, soreness of eyes or skin; Harmful or fatal if swallowed.

Medical Conditions Generally Aggravated by Exposure:

None known

Carcinogenicity: None Known NTP: IARC: OSHA Regulated

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

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 4 - FIRST AID MEASURES

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

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (Method): >200F

Flammable Limits: LEL: N/A

UEL: N/A

Autoignition Temperature:

NFPA Hazard Classification: FIRE: 0 Health: 3 Reactivity: 0

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

Special Fire None

Fighting Procedures:

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

Explosion Hazards:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 - 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 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local Exhaust: Recommended Special: None required
Mechanical: None required

Respiratory Protection:
None required

Protective Gloves: Recommended Eye Protection: Recommended

Other Protective Clothing and Equipment:
Protective apron or coveralls

SECTION 9 - 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 10 - STABILITY AND REACTIVITY

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

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

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

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

SECTION 11 - TOXICOLOGICAL INFORMATION

NE

SECTION 12 - ECOLOGICAL INFORMATION

NE

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with Local, State and Federal Regulations

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

SECTION 14 - TRANSPORT INFORMATION

DOT Proper Shipping Name and Number:

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

SECTION 15 - REGULATORY INFORMATION

Volatile Organic Compounds (VOC's)=<1%

*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 16 - OTHER INFORMATION

None

NE = Not Established N/A = Not Applicable