

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: Chlorinated Degreaser

Product Number: F2110

Chemical Family: Solution of sodium hypochlorite, surfactants & builders

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

EPA Reg. No: N/A

Emergency Telephone No. 620-792-1711

Preparer Tom Keyse

Date: 8/26/04

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Sodium Hypochlorite	7681-52-9	.5 ppm Cl	.5 ppm Cl	<7
Sodium Metasilicate	6834-92-0	NE	NE	<3
Sodium Hydroxide	1310-73-2	2mg/m3	NE	<1
*Water	7732-18-5			
*Sodium Lauryl Sarcosinate	137-16-6			

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): 1.1

pH: 13.0

Vapor Density: Unknown

%Volatiles by Weight: 82

Appearance and Odor: Clear liquid with chlorine odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None

Flammable Limits: LEL: N/A

UEL: N/A

Extinguishing Media: N/A

Special Fire: None

Fighting Procedures:

Unusual Fire and: None

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid: N/A

Incompatibility: Mix only with water.
(Materials to Avoid)

Hazardous Decomposition: None

Products or Byproducts:

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 and the New Jersey Worker & Community Right to Know Act of 1983.

SECTION VI - HEALTH HAZARD DATA

F2110

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 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:

Corrosive. Can cause severe eye damage. May cause irritation to skin and mucous membranes. Harmful if swallowed. Avoid contact with eyes, skin and clothing. Keep container closed. Use with adequate ventilation. Avoid breathing vapors or mist. Do not swallow.

Emergency and First Aid Procedures:

If in eyes or on skin, immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. If inhaled, remove to fresh air. Get medical attention. If swallowed, do NOT induce vomiting. Get medical attention.

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: Mop up, rinse with water.

Waste Disposal Method:

Small Amount: Place in plastic bag with absorbent and discard in trash. Large Amount: Dispose in accordance with Local, State and Federal regulations.

Potential EPA Hazardous Waste Code(s): D002

Steps to be taken in handling and storage:

Protect from freezing. Store at 40 - 90 F. Read and follow label use directions. Keep out of reach of children. Note: Do NOT use or mix with other chemicals such as ammonia or acids which may cause the release of chlorine or other hazardous gases.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):

Recommended in areas with inadequate ventilation.

Ventilation: Local Exhaust: Recommended Special: Optional
Mechanical: Recommended

Protective Gloves: Required Eye Protection: Required

Other Protective Clothing and Equipment:

Aprons, coveralls, chemical resistant boots

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

1 gallon or less: Consumer Commodity ORM-D; Larger than 1 gallon: Corrosive liquid, n.o.s. (Sodium hypochlorite), 8, UN 1760, PGIII, ERG 154

NE = Not Established

N/A = Not Applicable