

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 4

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: Boil Out Fryer Cleaner/Degreaser

Product Number: F2120

Chemical Family: Aqueous solution of sodium hydroxide

Package Size: 1 G/3.8L/5G/19.9L

EPA Reg. No: N/A

Emergency Telephone No. (620) 792-1711

International:

Preparer: Brad Honas

Date: 1/19/09

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
*Water	7732-18-5	NE	NE	<75
Sodium hydroxide	1310-73-2	2mg/m3	2mg/m3	<20
Sodium metasilicate	6834-92-0	NE	NE	2

## 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: 212°F

Solubility in Water: Complete

Evaporation Rate: <1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.11

pH: 12

Vapor Density: N/A

%Volatiles by Weight: <60

Appearance and Odor: Thin, transparent liquid / no odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): >200 F

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: Strong oxidizers, reducing agents, acids or bleach. Do not mix with bowl cleaners. Mix only with (Materials to Avoid) water.

Hazardous Decomposition: None

Products or Byproducts:

Hazardous Polymerization: May Occur:

Will Not Occur:

Conditions to Avoid: None

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)=0% (calculated)

**SECTION VI - HEALTH HAZARD DATA**

F2120

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 checked="" 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  NTP:  IARC:  OSHA Regulated 

Medical Conditions Generally Aggravated by Exposure:

None known

Signs and Symptoms of Exposure:

Causes severe eye, skin and respiratory damage. May be fatal if swallowed.

Emergency and First Aid Procedures:

In case of contact with eyes or skin, rinse thoroughly with water for 15 minutes. Call a physician. If swallowed, call a physician or Poison Control Center immediately. NEVER 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: Mop up, absorb with an inert absorbent.

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:

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:	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:

Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide), 8, UN3266, PG II, ERG 154

NE = Not Established N/D Not-Determined

N/A = Not Applicable

