

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0
Health: 2
Reactivity: 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address Franklin Cleaning Technology - PO Box 214 Great Bend KS 67530

Product Name: Big Boss

Product Number: F2660

Chemical Family: Aqueous solution of surfactants, builders, and solvents

Package Size: 1, 5, 55 Gallon

EPA Reg. No: n/a

Emergency Telephone No. 316-792-1711

Preparer: Bill Dayton

Date: 6/15/98

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
**2-Butoxyethanol	111-76-2	50 ppm	25 ppm	7.1
*Nonyl phenoxy poly (ethyleneoxy) ethanol	9016-45-9			
*Sodium metasilicate	6834-92-0			
*Water	7732-18-5			
*Disodium dicarboxylate	67785-31-3			

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: N/A

Specific Gravity (water =1): 1.037

pH: 12.8

Vapor Density: Unknown

%Volatiles by Weight: 95

Appearance and Odor: Clear purple liquid with sassafras 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: Do not mix with strong acids or bowl cleaners. 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.

**This product contains one or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. See the Hazardous Components in Section II.

SECTION VI - HEALTH HAZARD DATARoute (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 checked="" type="checkbox"/>	Teratogen	<input type="checkbox"/>	Mucous Membranes	<input checked="" type="checkbox"/>
Heart	<input type="checkbox"/>	Skin	<input checked="" type="checkbox"/>	Liver	<input checked="" type="checkbox"/>	Central Nervous System	<input type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input checked="" type="checkbox"/>	Prostrate	<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:

Corrosive. Causes eye and skin irritation. May be harmful if swallowed, inhaled or absorbed. Possible hemolysis & hemoglobinuria with overexposure.

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 If inhaled, remove to fresh air. Get medical attention. If swallowed, do NOT induce vomiting. Give water to drink. Get medical attention. 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, dike or turn container over as applicable.

Waste Disposal Method:

Small Amount: Place in plastic bag with absorbent 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:

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

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type):

Type for caustic fumes recommended

Ventilation:	Local Exhaust:	Special:
	Mechanical: Recommended	

Protective Gloves: Required Eye Protection: Required

Other Protective Clothing and Equipment:

Chemical Resistant Boots recommended.

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

Not Regulated

NE = Not Established

N/A = Not Applicable