

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 - P.O. Box 214 - Great Bend, KS 67530**

Product Name: OFFENSE Patented, Fast acting, stripper

Product Number: F2180

Chemical Family: Aqueous solution of solvents & surfactants

Package Size: 1, 5, 55 Gallon

EPA Reg. No: N/A

Emergency Telephone No. (620) 792-1711

International:

Preparer: R McPherson

Date: 12/05/11

Signature:

SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
*Water	7732-18-5			<60
**Ethylene glycol phenyl ether	122-99-6			12
Monoethanolamine	141-43-5	3 ppm	3 ppm	<10
**2-butoxyethanol	111-76-2	50 ppm	25 ppm	5
*Sodium Metasilicate (pentahydrate)	6834-92-0			5
*Sodium 1-Octane Sulfonate	5324-84-5			<5

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview:

In case of accidental ingestion, get medical attention immediately.

Route(s) of entry:	Inhalation	☒			Skin:	☒			Eye:	☒			Ingestion:	☒		
No Health Hazard	☐		Irritant	☒		Toxic	☐		Sensitizer	☐			See Target Organs	☒		
Carcinogen	☐		Corrosive	☒		Highly Toxic	☐		Reproductive toxin	☐						
TARGET ORGANS	Lungs	☒	Eyes	☒	Blood	☒			Teratogen	☐			Mucous Membranes	☒		
	Heart	☐	Skin	☒	Liver	☒			Central Nervous System	☒			Autonomic Nervous System	☐		
	Kidney	☒	Prostate	☐	Mutagen	☐			Cardiovascular System	☐			Respiratory System	☒		

Potential Health Effects:

Corrosive. Causes eye damage. Skin irritant. May be harmful if swallowed, inhaled, or absorbed. Possible hemolysis and hemoglobinuria with overexposure.

Medical Conditions Generally Aggravated by Exposure:

None known

Carcinogenicity: None Known ☒ NTP: ☐ IARC: ☐ OSHA Regulated ☐

SECTION 4 - FIRST AID MEASURES

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, get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (Method): None

Flammable Limits: LEL: N/A

UEL: N/A

Autoignition Temperature:

NFPA Hazard Classification: FIRE: 0

Health: 3

Reactivity: 0

Extinguishing Media: N/A

Special Fire

None

Fighting Procedures:

Unusual Fire and

None

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: Mop up, absorb with an inert, dike or turn container over as applicable.

SECTION 7 - HANDLING AND STORAGE

Protect from freezing. Store at 40 - 90 F. Read and follow label use directions. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Respiratory Protection:
Recommended in areas with inadequate ventilation.

Protective Gloves: Required Eye Protection: Required.

Other Protective Clothing and Equipment:
Aprons, coveralls, chemical resistant boots

SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	☒	Flammable Gas	☐	Flammable Liquid/Solid	☐	Water Reactive	☐
Combustible	☐	Flammable Aerosol	☐	Pyrophoric	☐	Oxidizer	☐
Compressed Gas	☐	Explosive	☐	Unstable - Reactive:	☐	Organic Peroxide	☐

Boiling Point, °F: 212F Solubility in Water: Complete Evaporation Rate: 1
Vapor Pressure: Unknown Specific Gravity (water =1): 1.062 pH: 13
Vapor Density: Unknown %Volatiles by Weight: 90
Appearance and Odor: Clear colorless liquid with characteristic odor.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Unstable ☐ Conditions to Avoid: n/a
Stable ☒

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

SECTION 11 - TOXICOLOGICAL INFORMATION

NE

SECTION 12 - ECOLOGICAL INFORMATION

NE

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

DOT Proper Shipping Name and Number:
Not regulated

SECTION 15 - REGULATORY INFORMATION

**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.

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker and Community Right to Know Act of 1983.

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SECTION 16 - OTHER INFORMATION

None

NE = Not Established N/A = Not Applicable