

# 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 - PO Box 214 Great Bend KS 67530**

Product Name: OFFENSE Patented, Fast acting, stripper  
Chemical Family: Aqueous solution of solvents & surfactants  
Product Number: F2180  
Package Size: 1, 5, 55 Gallon

EPA Reg. No: n/a  
Preparer: Bill Dayton  
Emergency Telephone No. 620-792-1711  
Date: 11/18/02  
Signature:

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

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

## 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  
Vapor Pressure: Unknown  
Vapor Density: Unknown  
Solubility in Water: Complete  
Specific Gravity (water =1): 1.062  
%Volatiles by Weight: 90  
Evaporation Rate: 1  
pH: 13

Appearance and Odor: Clear colorless liquid with characteristic odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): None  
Extinguishing Media: n/a  
Flammable Limits: LEL: n/a  
UEL: n/a

Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

## SECTION V - REACTIVITY DATA

Stability: Unstable   
Stable   
Conditions to Avoid: n/a

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

Hazardous Decomposition Products or Byproducts: None

Hazardous Polymerization: May Occur:   
Conditions to Avoid: n/a  
Will Not Occur:

### Comments:

\*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.

\*\*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 DATA**

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 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 checked="" 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	<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. Causes eye and skin damage. May be harmful if swallowed, inhaled, or absorbed. Possible hemolysis and 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, 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, absorb with an inert, dike or turn container over as applicable.

**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.

**SECTION VIII - CONTROL MEASURES****Respiratory Protection(Specify Type):**

Recommended in areas with inadequate ventilation.

Ventilation: Local Exhaust: Special:  
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:**

Not regulated

NE = Not Established  
N/A = Not Applicable