



JB # 9446

**Material Safety Data Sheet**

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 1

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: De-fense

Product Number: F1350

Chemical Family: Aqueous emulsion of polymers.

Package Size: 1, 5, 55 Gallon

EPA Reg. No: N/A

Emergency Telephone No. (620) 792-1711

International:

Preparer: Brad Honas

Date: 8/14/09

**SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION**

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
**Diethylene glycol ethyl ether	111-90-0	NE	NE	<4
*Tributoxyethyl phosphate	78-51-3	NE	NE	>1
*Styrene acrylate Copolymer	25085-66-0	NE	NE	>30
*Polyethylene Copolymer	9010-77-9	NE	NE	<7
*Water	7732-18-5	NE	NE	>50

**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: Dispersible

Evaporation Rate: 1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.028

pH: 8.8

Vapor Density: N/A

%Volatiles by Weight: &lt;83

Appearance and Odor: White opaque thin liquid with characteristic 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 any other material.  
(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 &amp; the New Jersey Worker &amp; 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.



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## SECTION VI - HEALTH HAZARD DATA

F1350

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 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:

May cause eye and skin irritation.

## Emergency and First Aid Procedures:

In case of contact with eyes or skin, rinse thoroughly with water for 15 minutes. Call a physician if irritation persists. If swallowed, call a physician or Poison Control Center. If inhaled, remove to fresh air. 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 with detergent, rinse with water. Large Spill: Mop up, absorb with an inert absorbent, dike or turn container over as applicable.

Waste Disposal Method:

Small Amount: Dispose 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 - 90F. Keep from freezing. 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:	Special:
	Mechanical: Recommended	

Protective Gloves:	Optional	Eye Protection:	Recommended
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Other Protective Clothing and Equipment:

None required

## SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

Not regulated

NE = Not Established N/D Not-Determined

N/A = Not Applicable



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