

# 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: 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: R Mcpherson

Date: 04/11/12

Signature:

## SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview:

May cause eye and skin irritation.

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

Potential Health Effects:

May cause eye and skin irritation.

Medical Conditions Generally Aggravated by Exposure:

None known

Carcinogenicity: None Known  NTP:  IARC:  OSHA Regulated

## SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

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	<2
*Acrylate Copolymer	25987-66-0	NE	NE	12
*Ethylene Copolymer	67892-91-5	NE	NE	<3
*Water	7732-18-5	NE	NE	>50
*Styrene acrylic copolymers	Mixture	NE	NE	<3

## SECTION 4 - FIRST AID MEASURES

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 5 - FIRE FIGHTING MEASURES

Flash Point (Method): None

Flammable Limits: LEL: N/A

UEL: N/A

Autoignition Temperature:

NFPA Hazard Classification: FIRE: 0 Health: 1 Reactivity: 0

Extinguishing Media: N/A

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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.

**SECTION 7 - HANDLING AND STORAGE**

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

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls: Local Exhaust: Special:  
 Mechanical: Recommended

Respiratory Protection:  
 None required.

Protective Gloves: Optional Eye Protection: Recommended

Other Protective Clothing and Equipment:  
 None required

**SECTION 9 - 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): 1.027 pH: 9.0  
 Vapor Density: N/A %Volatiles by Weight: 83  
 Appearance and Odor: White opaque thin liquid with characteristic odor

**SECTION 10 - STABILITY AND REACTIVITY**

Stability: Unstable  Conditions to Avoid: N/A  
 Stable

Incompatibility: Do not mix with any other material.  
 (Materials to Avoid)

Hazardous Decomposition Products: None

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: Dispose in trash container. Large Amount: Dispose in accordance with Local, State, and Federal regulations.

Potential EPA Hazardous Waste Code(s): N/A

**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 & the New Jersey Worker & Community Right to Know Act of 1983. All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

**SECTION 16 - OTHER INFORMATION**

None

NE = Not Established N/A = Not Applicable