Material Safety Data Sheet

NFPA Fire: 0
Health: 1
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: De-fense
Chemical Family: Aqueous emulsion of polymers.
Product Number: F1350
Package Size: 1, 5, 55 Gallon

EPA Reg. No: n/a
Preparer: Bill Dayton
Date: 04/01/02
Signature: n/a

Emergency Telephone No. 620-792-1711

SECTION II - HAZARDOUS INGREDIENTS IDENTIFICATION INFORMATION

Hazardous Components

**Diethylene Glycol Ethyl Ether 111-90-0 3.79%
*Water 7732-18-5
*Styrene acrylate copolymer 25085-34-1
*Polyethylene copolymer 9010-77-9
*Tributoxyethyl phosphate 78-51-3

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 & 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 III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards

Flammable Gas
Flammable Aerosol
Explosive
Pyrophoric
Water Reactive
Oxidizer
Organic Peroxide

Combustible
Compressed Gas

Boiling Point, °F: 212
Vapor Pressure: Unknown
Vapor Density: Unknown
Appearance and Odor: Off-white emulsion with ammonia odor

Solubility in Water: Dispersible
Evaporation Rate: 1
Specific Gravity (water =1): 1.027
%Volatiles by Weight: 82.8
pH: 8.8

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
Conditions to Avoid: n/a

Incompatibility: Do not mix with any other material.

Hazardous Decomposition Products or Byproducts: None

Hazardous Polymerization: May Occur: Will Not Occur: x

Conditions to Avoid: n/a

Comments:

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

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SECTION VI - HEALTH HAZARD DATA

Inhalation [ ] Skin: [x] Eye: [x] Ingestion: [x]

No Health Hazard
Toxic [ ] Reproductive toxin [ ] Sensitizer [ ]
Highly Toxic [ ] Irritant [ ] Carcinogen [ ]

TARGET ORGANS
Lungs [ ] Eyes [x] Blood [ ]
Heart [ ] Skin [x] Liver [ ]
Kidney [ ] Prostate [x] Central Nervous System [ ]

Carcinogenicity: None Known [x] NTP: [ ] IARC: [ ] OSHA Regulated [ ]

Medical Conditions Generally Aggravated by Exposure:
None known

Signs and Symptoms of Exposure:
May cause eye and skin irritation.

Emergency and First Aid Procedures:
If in eyes or on skin, immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists. 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 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. Protect 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: Optional

Other Protective Clothing and Equipment:
None required

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:
Not regulated

NE = Not Established
N/A = Not Applicable