

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 2

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: Complex D-L

Product Number: F2760

Chemical Family: Aqueous solution of solvents & surfactants

Package Size: 1, 5, 55 Gallon

EPA Reg. No: n/a

Emergency Telephone No. 620-792-1711

Preparer: Bill Dayton

Date: 11/18/02

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
Dipropylene glycol methyl ether	34590-94-8	100 ppm	100 ppm	<5
Nonyl phenoxy poly (ethyleneoxy) ethanol	9016-45-9	NE	NE	<20
d-Limonene	5989-27-5	NE	NE	<10
Sodium metasilicate	6834-92-0	NE	NE	<5
*Water	7732-18-5			
Isopropanol	67-63-0	400 ppm	400 ppm	<5

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

No Physical Hazards	<input type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Liquid/Solid	<input type="checkbox"/>	Water Reactive	<input type="checkbox"/>
Combustible	<input checked="" 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: Complete

Evaporation Rate: 1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.016

pH: 12.8

Vapor Density: Unknown

%Volatiles by Weight: 81

Appearance and Odor: Clear dark green liquid with characteristic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 125 F

Flammable Limits: LEL: n/a

UEL: n/a

Extinguishing Media: Water, Foam, CO2

Special Fire Fighting Procedures: Keep containers cooled with water.

Unusual Fire and Explosion Hazards:

COMBUSTIBLE: Keep away from heat, sparks and open flame.

SECTION V - REACTIVITY DATA

Stability: Unstable ☐
Stable ☒

Conditions to Avoid: n/a

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

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.

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 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 checked="" type="checkbox"/>	Autonomic Nervous System	<input type="checkbox"/>
Kidney	<input 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. Causes respiratory tract irritation.

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 swallowed, get medical attention. If inhaled, remove to fresh air. 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: Dispose in trash container. 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):

None required.

Ventilation:	Local Exhaust:	Special:
	Mechanical: Recommended	

Protective Gloves:	Required	Eye Protection:	Required
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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/A = Not Applicable