

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

NFPA Fire: 0

Health: 2

Reactivity: 0

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name, Address: **Franklin Cleaning Technology - P.O. Box 214 - Great Bend, KS 67530**

Product Name: LDD-Liquid Dish Detergent

Product Number: F5942

Chemical Family: Aqueous solution of surfactants & alkaline builders

Package Size: 64 fl oz; 1.9L

EPA Reg. No: N/A

Emergency Telephone No. (620) 792-1711

Preparer: Tom Keyse

Date: 05/13/05

Signature:

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Hazardous Components	CAS#	OSHA TWA	ACGIH TWA	Percent
*Water	7732-18-5	NE	NE	<42
*Sodium Salt of Lauryl ether sulfate	32612-48-9	NE	NE	<15
*Sodium dodecylbenzene sulfonate	25155-30-0	NE	NE	<20
*Nonyl phenoxy poly (ethyleneoxy) ethanol	9016-45-9	NE	NE	3
Isopropyl alcohol	67-63-0	400 ppm	400 ppm	2

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: ND

Specific Gravity (water =1): 1.044

pH: 7.5

Vapor Density: ND

%Volatiles by Weight: 65

Appearance and Odor: Clear blue liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): 142 F (SCT)

Flammable Limits: LEL: ND

UEL: ND

Extinguishing Media: Water, foam, CO2, ABC Fire Extinguisher

Special Fire: None

Fighting Procedures:

Unusual Fire and: None

Explosion Hazards:

SECTION V - REACTIVITY DATA

Stability: Unstable
Stable

Conditions to Avoid: None

Incompatibility: None
(Materials to Avoid)

Hazardous Decomposition: None

Products or Byproducts:

Hazardous Polymerization: May Occur:

Will Not Occur:

Conditions to Avoid: None

Comments:

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

Volatile Organic Compounds (VOC)=5.6% (calculated)

SECTION VI - HEALTH HAZARD DATA

F5942

Route (s) of entry: Inhalation Skin: Eye: Ingestion:

No Health Hazard	<input type="checkbox"/>	Reproductive toxin	<input type="checkbox"/>	Sensitizer	<input type="checkbox"/>
Toxic	<input type="checkbox"/>	Irritant	<input checked="" 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 type="checkbox"/>

Carcinogenicity: None Known NTP: IARC: OSHA Regulated

Medical Conditions Generally Aggravated by Exposure:

None known

Signs and Symptoms of Exposure:

Redness, irritation of eyes. If swallowed, may cause nausea or irritation to mouth and throat.

Emergency and First Aid Procedures:

If in eyes or on skin, immediately flush with water for 15 minutes. Seek medical attention if irritation persists. If ingested, contact a physician or Poison Control Center immediately.

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: Contain spill, then absorb material with inert absorbant material.

Waste Disposal Method:

Single Unit: Wrap in newspaper and discard in trash receptacle. Large quantities: 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:

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: Not required Special: Not required
 Mechanical: Not required

Protective Gloves: Recommended Eye Protection: Recommended

Other Protective Clothing and Equipment:

None required

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number:

Not Restricted

NE = Not Established

N/A = Not Applicable