

Supplied By:



4801 W. Vernal Pike
Bloomington, IN 47404
1-800-734-4133

Material Safety Data Sheet

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

EMERGENCY PHONE:
1-800-535-5053

Section 1: Product Identification

Product Name: L-F-D (Low Foam Detergent)
Product Number: K405
Product Use: Low Foam Bar Glass Detergent
DOT Classification: Not Regulated
Proper Shipping Name: Not Regulated
UN# or NA#: N/A

| | Hazard Rating |
|-----------------------------|-----------------|
| 1 Health | |
| 0 Fire | 4=Extreme |
| 0 Reactivity | 3=High |
| Maximum Personal Production | 2=Moderate |
| | 1=Slight |
| | 0=Insignificant |

H.M.I.S

Abbreviation Key:
N.A.-Not Applicable
N.E.-Not Established
N.D.-Not Determined

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

N/E % TLV (Units)

N/E

Carcinogens: None Suspected

Section 3: Physical Data

Color: Yellow
Odor: None **Physical State:** Liquid
Boiling Point (f): 194° F **Solubility in Water:** Complete
Vapor Pressure (mmHg): N/E **Vapor Density (Air=1):** N/E
% Volatile by Volume: N/E
Specific Gravity (Water=1): 1.02
Evaporative rate (N-Butylacetate=1): N/E
Freezing/Melting Point (Deg/F): 32°F
pH of Solution: 1.7
Heat of Solution: N/E

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): Non-Flammable
Flammable Limits: LEL: N/A **UEL:** N/A
Extinguishing Media: Use appropriate extinguishing media for the surrounding fire 3-3 3-4
Special Fire Fighting Procedures: Self-Contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals. 4-4 4-5
Unusual Fire & Explosion Hazards: None

Section 5: Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): N/E
Hazardous Decomposition Products: N/E
Hazardous Polymerization: No
Conditions to Avoid: N/E

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

Section 6: Toxicological Properties

Threshold Limit Value: N.E.
Overexposure Effects/Comments
Exposure Limits/Data: Osha: N/E ACGIH: N/E

Others Effects/Data

Eyes: Irritation
Skin: N/E
Ingestion: Discomfort, Nausea
Inhalation: N/E

Section 7: Preventative and Control Measures

Respiratory Protection (Specify Type): N/A

Ventilation: N/A

Special: N/A

Protective Gloves: N/A

Eye Protection: N/A

Other Protective Equipment: N/A

Spill or Leak Procedures: Wear necessary personal protective equipment. Dike area to prevent spreading of spilled material. Cover with an inert absorbent, shovel into appropriate containers and dispose of in accordance with federal, state and local regulations.

Section 8: Emergency First Aid Procedures

Eyes: Flush with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

Skin: Flood contaminated area with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

Ingestion: Give plenty of water and induce vomiting. Get medical attention immediately. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

Inhalation: Remove victim to fresh air. If breathing stops get immediate help!

Section 9: Empty Container Information

Empty Container Information: Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

Section 10: Special Precautions

Precautions to be taken in handling and storage: Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep containers closed when not in use. Wash hands after handling. 50056

Other Precautions: None

Section 11: Preparation Information

Prepared By: Regulatory Affairs Department

Phone: 812-336-4817

Date of Preparation: July, 2004

L/F/D Low Foam Detergent

Technical Data Sheet



**For
Hand
Glass
Washing**



**Prevents
Lime
Build-up**

**Eliminates
Spots
and
Streaks**

Product Description

L/F/D is a low foam detergent specifically prepared for use with electric glass washers and related equipment. L/F/D quickly removes all film, grease, lipstick and other soils from the glasses. This product is carefully compounded to give spot free and streak free results in any type of water condition. Easy on hands and easy to use.

Use Directions

Use 1 ounce of product per 3 gallons of water in the reservoir if using with an electric brush type glass washing machine. It is ideal for use with all types of portable electric glass washers. The powerful wetting action of this product will permit the glasses to rinse free of film, drain and dry faster and with no spotting. Great for use in hard or soft water.

Areas of Use

For use in institutional and or commercial applications only. For bar glasses or mechanical pot and pan sinks. Lubricates and keeps glass washing equipment free of film and lime build-up for more efficient operation of machinery.

Safety Precautions

Caution! Do not get into eyes, if contact occurs, rinse well with water for 15 minutes. Before using this product read the MSDS for additional precautions and information.

Shipping Classification

Not Regulated

Packaging

4 X 1 gallon case

Properties

TYPE: Low foaming cleaner
FORM: Liquid
ODOR: None
COLOR: Clear
PRIMARY HAZARD: Do not get into eyes, if contact occurs, rinse well with water for 15 minutes.