

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF PRODUCT

Name: FREEZER LOCKER CLEANER

Identity: Freezer Locker Cleaner

MSDS Number: 7842

Date: 6/9/2003

Supersedes: 12/4/2000

TOXICITY: 1

FIRE: 2

REACTIVITY: 0

PROTECTION: C

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV	%
Isopropanol	67-63-0	400ppm	400ppm	5
Propyleneglycol Methyl Ether	107-98-2	100 ppm	100 ppm	45

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:

212° F

Specific Gravity:

0.985 ± 0.005

Vapor Pressure

(mm Hg.): ND

Melting Point:

ND

Vapor Density

(Air = 1): 1

Evaporation

(H2O = 1):1

Water Solubility:

Infinitely

pH @ 77F:

13.5-14.0

VOCgm/L: 965

Appearance and Odor: Clear, light blue liquid, Solvent odor

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC):

88F

% LEL:

1.5

% UEL:

13

Flammable Limits:

Glycol Ether PM

Extinguishing Media: Water fog, foam, carbon dioxide or dry chemical

Special Fire Fighting Procedures: Cool containers with water spray. Do not use direct water stream. Wear positive SCBA.

Unusual Fire and Explosion: Will burn. Water may spread burning material.

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? Yes EYES? Yes SKIN? Yes INGESTION? Yes

(Acute) Health Hazards:

Eyes: May cause transient irritation. Corneal injury is unlikely.

Skin: May cause irritation and dryness

Ingestion: May cause stomach upset and irritation of the mouth and throat.

Inhalation: Objectionable at 100ppm. Anesthetic effects above 1000ppm.

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Stinging sensation

Skin: Prolonged contact may cause drowsiness

Ingestion: Stomach upset

Inhalation: Higher levels causes eye, nose, & throat irritation and intolerable.

Medical Conditions Generally Aggravated by Exposure: Pre-existing contact site disorders.

Emergency First Aid Procedures:

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion: Obtain immediate medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

SECTION VII. REACTIVITY DATA

Stability: Stable Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): Water incompatible materials; Oxidizing materials.

Hazardous Decomposition Byproducts: Smoke may contain original material in addition to unidentified toxic or irritating compounds. CO, CO₂.

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Mop up. Recover as much as possible. Do not dump into sewers, ground or body of water.

Large Spills: Same as for small spill.

Disposal: Meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

SECTION IX. CONTROL MEASURES

Respiratory Protection: NIOSH approves air purifying with vapor cartridge or canister

Ventilation: Sufficient to keep PEL from being exceeded

Local Exhaust: Normal to control mist and vapor levels.

Mechanical (General): If needed to maintain levels below PEL

Protective Gloves: Rubber, vinyl

Eye Protection: ANSI Z87

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION X. DOT INFORMATION

Flammable Liquids, n.o.s. (1-Methoxy-2-propanol),3,UN1993,PGII

SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: Glycol Ether Category N240

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA – Not Available

NE- Not Established

ND – Not Determined