

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF PRODUCT

Name: GLASS AND HARD SURFACE CLEANER
Identity: Window Cleaner
HEALTH: 0
MSDS Number: GP 102
Date: 4/21/2009
Supersedes: 2/28/2008
FIRE: 0
REACTIVITY: 0
PROTECTION: A

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name
Dipropylene glycol monomethyl ether
CAS Number 34590-94-8
PEL
TLV
NE

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >212° F
Vapor Density (Air = 1): ND
Specific Gravity: 1.000 ± 0.005
Evaporation (mm Hg.): ND
Water Solubility: Complete
Melting Point: ND
pH: 3.0-6.0
VOCg/ml: 17.7

Appearance and Odor: Clear liquid with gingery odor.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): None
% LEL: NE
% UEL: NE
Flammable Limits: None
Extinguishing Media: Dry chemical, carbon dioxide, water spray. Do not use direct water stream.
Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and protective clothing.
Unusual Fire and Explosion: None identified.

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? Yes
(Acute) Health Hazards: EYES? Yes SKIN? Yes INGESTION? Yes
Eyes: May cause irritation, discomfort
Skin: May cause irritation and dryness on sensitive skin
Ingestion: May cause stomach upset and irritation of the mouth and throat.
Inhalation: Not likely to cause ill effects
(Chronic) Health Hazards: None Known
Signs and Symptoms of Exposure:
Eyes: Stinging, discomfort, pain
Skin: Prolonged exposure may cause irritation
Ingestion: Mild to moderate stomach upset
Inhalation: Occasional mild irritation effects to nose and throat may occur.
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: Give 1-2 glasses of water to drink, if victim is conscious. Get immediate medical attention.
Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

Carcinogenicity: NTP? No IARC SECTION VI. TOXICITY DATA
No OSHA REGULATED? No

Stability: Stable SECTION VII. REACTIVITY DATA
Incompatibility (Materials to Avoid): None known Hazardous Polymerization Will Not Occur
Hazardous Decomposition Byproducts: None known

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE
Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Mop up and put in empty container and cover. Recover as much as possible.
Large Spills: Dike area and absorb into neutral material or pump up. Prevent entry into waterways & sewers.
Disposal: Dispose of to 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: Not normally indicated when used as indicated
Ventilation: Normal indoor
Local Exhaust: Not normally indicated
Mechanical (General): Not normally indicated
Protective Gloves: Latex, optional to prevent dry hands
Eye Protection: Chemical safety goggles; optional
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
NOT REGULATED

SARA 313: NO SECTION XI. MISCELLANEOUS INFORMATION

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