

DOT HAZARD CLASSIFICATION:

ORM-D

Identity (Trade Name As Used On Label)

MIDWEST GLASS CLEANER

MSDS Number

121- 11

Date Prepared

2/20/90

Prepared By:

TMJ/STN

Emergency Phone Number

(404) 386-3083

NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater Carcinogens 0.1% or greater)		CAS Number	APPROX % (wt)*	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REFERENCE SOURCE **
Ethyl alcohol		64-17-5	10	1000	1000	d
Ammonium Hydroxide		1336-21-6	1	50	25	d
Ethylene Glycol Monobutyl ether		111-76-2	1	50	25	d
Isobutane / Propane blend		75-28-5 74-98-6	5	1000	1000	d
NOTICE: THIS PRODUCT MAY CONTAIN ONE OF THE LISTED SARA TITLE III SECTION 313 CHEMICALS.						
67-64-1 Acetone	71-55-6 1,1,1-Trichloroethane	13463-67-7 Titanium Dioxide				
50-00-0 Formaldehyde	75-09-2 Methylene chloride	7664-30-2 Phosphoric Acid				
67-56-1 Methanol	107-21-1 Ethylene glycol*	7761-88-8 Silver nitrate				
95-48-7 o-Cresol	114-26-1 Propoxur	7664-93-9 Sulfuric Acid				
94-75-7 2,4-D	108-88-3 Toluene	7440-66-6 Zinc (dust)				
72-43-5 Methoxychlor	127-18-4 Tetrachloroethylene	7647-01-0 Hydrochloric Acid				
78-92-2 sec-Butyl alcohol	139-13-9 Nitrilotriacetic Acid	1330-20-7 Xylene, mixed isomers				
*Possible glycol ethers.		76-15-1 Freon 1F				

Boiling Point	NA	Specific Gravity (H ₂ O = 1) Concentrate Only =	0.980
Vapor Pressure PSIG @ 70°F (Aerosols)	Max. 60	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature)	NA
Vapor Density (Air = 1)	NE	Evaporation Rate (_____ ° F) -	NE
Solubility in Water	Soluble	Water Reactive	No
Appearance and Odor white foam, mint fragrance and alcohol odor.			

FLAMMABILITY as per USA FLAME PROJECTION TEST (AEROSOLS) NON-FLAMMABLE	Auto-Ignition Temperature NE	Flammability Limits in Air % by Volume	LEL NE	UEL NE
Flash Point and Method Used (Ngn-Aerosols) NA				
Extinguisher Media Foam, dry chemical, carbon dioxide, water.				
Special Fire Fighting Procedures Self contained breathing apparatus				

Unusual Fire and Explosion Hazards Do not expose aerosols to temperatures above 130° F or the container may rupture.

Optional

•• Chemical Listed
as Carcinogen or
Potential Carcinogen

2 NTP

IARC Monograph

OSHA

☐ Not Listed

Animal

Data Only

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied.

SECTION 4 - REACTIVITY HAZARD DATA

121-11

STABILITY ☒ Stable ☐ Unstable	Conditions To Avoid Open flames, welding arcs, heat
Incompatibility (Materials to Avoid)	Strong oxidizers
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide
HAZARDOUS POLYMERIZATION ☐ May occur ☒ Will Not Occur	Conditions To Avoid None known

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	☒ Inhalation ☒ Skin Absorption	☐ Ingestion ☐ Eye	☐ Not Hazardous
ACUTE EFFECTS			
Inhalation Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.			
Eye Contact Slight irritation			
Skin Contact Slight irritation			
Ingestion Nausea. Possible chemical pneumonitis if aspirated into lungs.			
CHRONIC EFFECTS Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB. Headache, dizziness, nausea, possible unconsciousness if vapor concentration exceeds TLV.			
Medical Conditions Generally Aggravated by Exposure May aggravate existing eye, skin, or upper respiratory conditions.			

EMERGENCY FIRST AID PROCEDURES -

Eye Contact	Flush with water for 15 minutes. If irritated, see physician.
Skin Contact	Wash with soap and water. If irritated, see physician.
Inhalation	Remove to fresh air. Resuscitate if necessary. Get medical aid.
Ingestion	Drink large amounts of water, induce vomiting, call physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	mode. If vapor conc. exceeds TLV, use respirator approved by NIOSH to be used in a positive pressure
Protective Gloves	Disposable latex gloves suggested
Eye Protection	Safety glasses recommended
VENTILATION REQUIREMENTS	Adequate ventilation to keep vapor concentration below TLV.
Other Protective Clothing and Equipment	None
Hygienic Work Practices	Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released	Flush to sewer with water.
Waste Disposal Methods	Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
Precautions to be Taken in Handling and Storage	Do not puncture or incinerate containers. Do not store at temperatures above 130°F.
Other Precautions and / or Special Hazards	Avoid food contamination. KEEP OUT OF REACH OF CHILDREN.

Avoid breathing vapors.

*** (Effects due to excessive exposure to the raw materials of this mixture)