

# ECLIPSE GLASS CLEANER

80-703

HMIS RATING	
Health	2
Flammability	4
Reactivity	0

## MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	4
Reactivity	0

NFPA 30B LEVEL	
1	

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### 1. PRODUCT IDENTIFICATION

PART NUMBER ..... 80-703  
PRODUCT NAME ..... Eclipse Glass Cleaner  
CHEMICAL FAMILY ..... N/A  
DOT SHIPPING ..... Consumer Commodity ORM-D

### 2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
*2-Butoxyethanol (111-76-2)	50skin	25skin	-	10
Propane/Isobutane/N-Butane (68476-86-8)	800ppm	800ppm	-	10

All chemical compounds marked with an asterisk (\*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

### 3. PHYSICAL DATA

BOILING POINT (RANGE) ..... -43°F to 340°F  
VAPOR PRESSURE PSIG @ 70°F ..... 25-35  
VAPOR DENSITY (AIR = 1) ..... <1  
SOLUBILITY IN WATER ..... Soluble  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1) ..... 0.9442  
MELTING/FREEZING POINT ..... N/A  
EVAPORATION RATE (Butyl Acetate=1) ..... <1  
VOC content (by weight) ..... N/A  
APPEARANCE AND ODOR ..... Cloudy/Ammonia

### 4. FIRE AND EXPLOSION DATA

FLASHPOINT ..... -156°F TCC  
UPPER EXPLOSIVE LIMIT (%) ..... 10.6  
LOWER EXPLOSIVE LIMIT (%) ..... 1.1  
EXTINGUISHING MEDIA ..... Dry chemical, CO<sub>2</sub>, water fog, foam.  
SPECIAL FIREFIGHTING PROCEDURES ..... Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.  
FIRE AND EXPLOSION HAZARDS ..... Heated cans may burst.  
NFPA Flammability Hazard ..... 4

### 5. HEALTH EFFECTS DATA

#### SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY ..... Skin, Eyes, Inhalation, Ingestion  
HEALTH HAZARDS (ACUTE AND CHRONIC) ..... May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of the skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver, or kidney damage. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. The solvents listed have been reported to effect the central nervous system: 2-Butoxyethanol may cause corneal injury and blood abnormalities, may be absorbed through the skin with toxic effects, and may cause damage to the spleen and testes.  
SIGNS & SYMPTOMS OF EXPOSURE ..... Inhalation: difficulty in breathing; Skin: redness; Ingestion: vomiting.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE ..... Heart disease; Respiratory disorders.

### 5. HEALTH EFFECTS DATA (CONT'D)

#### FIRST AID PROCEDURES

EYES ..... Flush with water for at least 15 minutes.  
SKIN CONTACT ..... Wash with soap, large volumes of water, obtain medical attention.  
INGESTION ..... Do not induce vomiting; keep individual calm; obtain medical attention.  
INHALATION ..... Remove to fresh air, obtain medical attention.

#### SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) ..... Presently not on any lists.

### 6. REACTIVITY

STABILITY ..... Stable  
INCOMPATIBILITIES ..... Strong oxidizers, strong alkalis, acids and amines  
HAZARDOUS DECOMPOSITION PRODUCTS ..... Oxides of carbon, oxides of nitrogen, may produce chlorine, chloride and phosgene.  
HAZARDOUS POLYMERIZATION ..... Will not occur  
HAZARDOUS POLYMERIZATION CONDITIONS ..... None known  
NFPA REACTIVITY HAZARD ..... 0

### 7. PRECAUTIONS FOR SAFE HANDLING & USE

#### PROTECTIVE EQUIPMENT

REQUIREMENTS ..... Safety glasses, ventilation sufficient to maintain vapor concentrations below TLV, protective gloves.  
WASH REQUIREMENTS .. Wash with soap and water.  
SPILL OR LEAK PROCEDURES Use absorbent sweeping compound to soak up material, put into container, dispose as hazardous waste.  
WASTE DISPOSAL METHODS Dispose as hazardous waste in accordance with EPA RCRA.  
HANDLING & STORAGE ..... Store below 120°F; keep away from heat, sparks, or open flame.  
OTHER PRECAUTIONS .... When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

### 8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL  
MIDWEST**  
Your Partner in Performance