ECLIPSE GLASS CLEANER

80-703

1. PRODUCT IDENTIFICATION

PARTNUMBER .................. 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 ACIGH TLV STEL %

'2-Butoxyethanol (111-76-2) 50skin 25skin - 1 0
Propane/Isobutane/N-Butane (68476-86-8) 800ppm 800ppm - 10

VAPOR PRESSURE PSIG @ 70°F ..................... 25-35
SOLUBILITY IN WATER .............................. Soluble
EVAPORATION RATE (Butyl Acetate=1) ..........<1
SPECIFIC GRAVITY (H2O = 1) ....................... 0.9442
MELTING/FREEZING POINT .......................... N/A
VOC content (by weight) ........................... N/A
APPEARANCE AND ODOR .............................. Cloudy/Ammonia

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 (H2O = 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, CO₂, water fog, foam.
SPECIAL FIREFIGHTING PROCEDURES ......... Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY ......... Skin, Eyes, Inhalation, Ingestion
HEALTH HAZARDS ......... 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.

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

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 HEREAFTER 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.

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