

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-0; Reactivity-0; Special- -
Manufacturer's Name: **KESS CHEMICALS, INC.**
Address: 8613 N.W. 66 STREET
MIAMI, FL. 33166

HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B
DOT Hazard Classification: Non-Hazardous
Identity (trade name as used on label):
WINDOW PLUS

Date Prepared: 08/22/92
Prepared By: J.F.
Information Calls: (305) 592-1850

NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)
ETHYLENE GLYCOL MONOBUTYL ETHER

CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
111-76-2	Yes	25(skin)	25(skin)	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Est. 212°F
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A
Vapor Density (Air = 1): N/D
Solubility in Water: Miscible
Appearance and Odor: Clear, blue liquid

Specific Gravity (H₂O=1): 0.995
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D
Evaporation Rate (water = 1): Not known
Water Reactive: No

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A

Auto Ignition Temperature None
Flammability Limits in Air by % in Volume:
% LEL: N/A % UEL: N/A

FLASH POINT AND METHOD USED (non-aerosols): None to boiling (TCC)

SPECIAL FIRE FIGHTING PROCEDURES: Use procedures applicable to surrounding fire.

EXTINGUISHER MEDIA: Use media compatible with surrounding fire.
Unusual Fire & Explosion Hazards: None known.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE

HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Conditions to Avoid: None

Incompatibility (Mat. to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Oxides of carbon, unidentified organic compounds.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [X] INGESTION [] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS

ACUTE EFFECTS: SYSTEMIC OVEREXPOSURE: Headache, dizziness, nausea, incoordination, drowsiness & loss of consciousness.

Inhalation: Extremely high concentrations of vapor, mist or liquid contact can irritate respiratory tract & may cause bronco-pneumonia or pulmonary edema.

Eye Contact: Liquid or vapor contact can cause irritation.

Skin Contact: Prolonged or repeated contact can cause dryness & irritation.

Ingestion: May cause nausea, vomiting & abdominal pain. If vomiting occurs, aspiration of vomitus into lungs can cause bronco-pneumonia or pulmonary edema.

CHRONIC EFFECTS: None known.

Medical Conditions Generally Aggravated by Exposure: May add to pre-existing irritation.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes holding lids open. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. If persistent irritation occurs, get medical attention.

Inhalation: Remove to fresh air and provide oxygen or artificial respiration if needed. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None generally needed under normal handling and use conditions.

Protective Gloves: Rubber or PVC.

Eye Protection: Safety glasses or chemical goggles.

Ventilation Requirements: Not generally needed under normal handling and use conditions. If needed, use explosion-proof ventilation.

Other Protective Clothing & Equipment: Clothing as needed to prevent skin contact. Eyewash station and safety shower.

Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Contain spill.

Soak up in an inert absorbent & place in leak-proof containers. Seal containers & label properly for legal disposal.

Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.

Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Protect from extreme heat and cold. Shelf life 1 year.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Do not cut, drill or weld on or near full, part full or empty drums.

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

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only