



KB 1303
NOT FOR EXPORT TO EU

Date of Preparation: 10/13

SDS No. 30169

Revision: 0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: KB 1303

Synonyms: Polyglycol Ethers

CAS Number: 52624-57-4

Chemical Formula: mixture

General Use: Various

Manufacturer: KMCO, 16503 Ramsey Road, Crosby, Texas 77532

24-HOUR EMERGENCY NUMBER - CHEMTREC: 1-800-424-9300

KMCO PHONE: (281) 328-3501

FAX: (281) 328-9528

Restrictions on Use: For Industrial Use Only

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Classification:

OSHA Hazards: none

Target Organs: Eye

GHS Classification:

Acute toxicity, dermal (Category 5)

Eye damage / irritation (Category 2B)

Signal Word: **WARNING**

PICTOGRAMS: none

Hazard Statements:

H313

H320

My be harmful in contact with skin

Causes eye irritation

Precautionary Statements:



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P264	Wash thoroughly after handling.
P312	Call a POISON CENTER or doctor / physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice / attention.

100% of this mixture consists of ingredients of unknown acute toxicity.

HMIS Classification

Health hazard:	1
Chronic Health Hazard	*
Flammability	1
Physical hazards	1

NFPA Rating

Health hazard:	1
Fire:	1
Reactivity	1

Description of Any Other Hazards Not Otherwise Classified: none known

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT Name:</u>	<u>CAS NUMBER</u>	<u>%wt. or %v</u>
Polyglycol Ethers	52624-57-4	99+

SECTION 4: FIRST AID MEASURES

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

SKIN: Wash with soap and water. If skin irritation occurs: Get medical advice / attention.

INGESTION: Rinse mouth. Call a POISON CENTER or doctor / physician for advice.

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing.



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NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treatment should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak, and disperse vapors.

UNSUITABLE EXTINGUISHING MEDIA: Direct water stream.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area. Do not use direct water stream to extinguish fires. Product may travel with water and reignite. Vapors can flow along surfaces to distant ignition source and flash back. Do not release runoff from fire control methods to sewers or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Above flash point, vapor-air mixtures may be explosive. Contact with strong oxidizers may cause fire. Containers may explode when involved in a fire. Sensitive to static discharge.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, and unidentified organic compounds.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: Wear full protective clothing and NIOSH – approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive breathing mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use appropriate personal protective equipment. Avoid breathing vapors, mist or gas. Avoid contact with spilled material. Insure adequate ventilation. Remove all sources of ignition. Use non-sparking tools and equipment.

PROTECTIVE CLOTHING: Standard work uniform. Impervious gloves. Safety glasses. Personnel should increase PPE level as deemed appropriate in any given situation.

EMERGENCY PROCEDURES:



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SMALL SPILLS: Contain and recover liquid when possible. Collect liquids in appropriate containers or absorb with an inert material (such as vermiculite or dry sand) and place in chemical waste container. Sweep up solids using non-sparking tools. Do not use combustible materials such as sawdust for the cleanup.

LARGE SPILLS:

Containment: Shut off source of leak if safe to do so. Dike far ahead of liquid spill for later disposal. Do not allow material to enter sewers or waterways.

Cleanup: Contain and recover liquid when possible. Collect liquid in appropriate container. Absorb residue with an inert material (such as vermiculite or dry sand) and place in chemical waste container. Place solids in a chemical waste container. Do not use combustible materials such as sawdust for the cleanup.

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid contact with eyes. Wash thoroughly after handling. Protect containers against physical damage. Handle material in a well-ventilate area.

STORAGE REQUIREMENTS: Store out of direct sunlight in a cool, well-ventilated area. Store away from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Controls should be such that adequate ventilation is provided.

VENTILATION: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work place by controlling it at its source.

RESPIRATORY PROTECTION: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA / NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (e.g. cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least:



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medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

EYE PROTECTION: Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133) Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with, contact lenses.

SKIN PROTECTION: Wear chemically protective gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Make emergency eyewash stations, safety/quick drench showers and washing facilities available in work areas.

WORK HYGIENIC PRACTICES: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Separate contaminate work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment. Discard belts and shoes that cannot be cleaned.

EXPOSURE GUIDELINES:

Ingredient	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Polyglycol Ethers	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: solid

APPEARANCE AND COLOR: light colored paste

ODOR: ether-like

FLASH POINT: > 200°F (>93.3°C)

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: not available

AUTO IGNITION TEMPERATURE: not available

DECOMPOSITION TEMPERATURE: not available

VAPOR PRESSURE: not available

ODOR THRESHOLD: not available



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VAPOR DENSITY (air = 1): >1

pH: 5 - 8

RELATIVE DENSITY: 9.16 lb/gal

SPECIFIC GRAVITY (H₂O =1 AT 4 C): 1.10

MELTING POINT / FREEZING POINT: 82°F (27.8°C)

WATER SOLUBILITY: insoluble

OTHER SOLUBILITIES: not available

INITIAL BOILING POINT AND BOILING RANGE: not available

EVAPORATION RATE (BuAc = 1): <0.1

PARTITION COEFFICIENT: n-OCTANOL/WATER: not available

VISCOSITY: not available

REFRACTIVE INDEX: not available

FORMULA WEIGHT: mixture

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: none under normal handling

STABILITY: stable at room temperature in closed containers under normal storage and handling conditions.

CONDITIONS TO AVOID (STABILITY): heat and flame, ignition sources and incompatibles.

INCOMPATIBILITY (MATERIAL TO AVOID): oxidizing agents.

HAZARDOUS DECOMPOSITION BY-PRODUCTS: Thermal oxidative decomposition can produce carbon monoxide, carbon dioxide and unknown organic compounds.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): Hazardous polymerization will not occur.

HAZARDOUS POLYMERIZATION BY-PRODUCTS: Hazardous polymerization will not occur.

STABILITY:

SECTION 11: TOXICOLOGICAL INFORMATION



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SIGNS AND SYMPTOMS OF OVEREXPOSURE: Eye and skin irritation

ACUTE EFFECTS:

EYE CONTACT: Moderately irritating to the eyes

SKIN CONTACT: Slightly irritating to the skin

INHALATION: Data not available

INGESTION: Data not available

TARGET ORGAN EFFECTS: Eye irritation

CHRONIC EFFECTS: Prolonged contact may cause irritation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Data not available

ACUTE TOXICITY VALUES

ORAL LD50 (state animal): data not available

DERMAL LD50 (state animal): data not available

INHALATION LC50 (state animal): data not available

LISTED CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM REPORT ON CARCINOGENS: no components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by the NTP.

IARC LISTED AS POTENTIAL CARCINOGEN: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA LISTED AS POTENTIAL CARCINOGEN: No component of the product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION



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DATA FROM TOXICITY TESTS ON AQUATIC AND/OR TERRESTERIAL ORGANISMS: data not available

ENVIRONMENTAL FATE: data not available

BIOACCUMULATION POTENTIAL: data not available

POTENTIAL TO MOVE FROM SOIL TO GROUNDWATER: data not available

OTHER ADVERS ENVIRONMENTAL EFFECTS: data not available

SECTION 13: DISPOSAL CONSIDERATIONS

CONTAINERS TO USE: no specific recommendations.

RECOMMENDED DISPOSAL METHODS: Whatever cannot be saved for recovery or recycling should be disposed of in an approved waste facility in accordance with Federal, State/Provincial and Local requirements.

PHYSICAL AND CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL ACTIVITIES: none known.

WHENEVER POSSIBLE, MATERIAL SHOULD NOT BE ALLOWED TO ENTER SEWAGE DISPOSAL SYSTEMS.

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION ACTIVITIES: no specific recommendations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (49 CFR 172.101)

PROPER SHIPPING NAME: KB 1303

SHIPPING SYMBOLS: not applicable

HAZARD CLASS: not applicable

UN/NA NUMBER: not applicable

PACKING GROUP: not applicable



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LABELS REQUIRED: not applicable
SPECIAL PROVISIONS (172.102): none

PACKAGING AUTHORIZATIONS

- A) **EXCEPTIONS:** not applicable
- B) **NON-BULK PACKAGING:** not applicable
- C) **BULK PACKAGING:** not applicable

QUANTITY LIMITATIONS:

- A) **PASSENGER, AIRCRAFT OR RAILCAR:** no limit
- B) **CARGO AIRCRAFT ONLY:** no limit

VESSEL STOWAGE REQUIREMENTS

- A) **VESSEL STOWAGE:** none
- B) **OTHER:** none

IATA

Not Dangerous Goods

IMDG

Not Dangerous Goods

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): none.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

311/312 HAZARD CATEGORIES:

- Immediate Hazard:** yes / no
- Delayed Hazard:** yes / no
- Fire Hazard:** yes / no



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Pressure Hazard: yes / no
Reactivity Hazard: yes / no

313 REPORTABLE INGREDIENTS: none.

CLEAN WATER ACT (CWA): None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

CLEAN AIR ACT (CAA): None of the chemicals in this product are listed as a hazardous air pollutant (HAP). This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

STATE REGULATIONS:

California: not listed

Massachusetts: not listed

INTERNATIONAL REGULATIONS:

Persistent Organic Pollutants (United Nations): not listed

Initial List of Prior Informed Consent Chemicals (United Nations): not listed

Ozone Depleting Substances (Montreal Protocol): not listed

Greenhouse Gases (Intergovernmental Panel on Climate Change): not listed

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES: listed

CANADA: DOMESTIC SUBSTANCES LIST: listed

CANADA WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): not controlled under WHMIS

CANADIAN ENVIRONMENTAL PROTECTION AGENCY TOXICS LIST: not listed

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES: not listed

NEW ZEALAND: listed

PHILLIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES: listed

SECTION 16: OTHER INFORMATION



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Prepared by: KMCO

Disclaimer: This product is FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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