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UNITEK CORPORATION -- PROPYLENE GLYCOL, USP -- 6505-00-138-4150

Product ID:PROPYLENE GLYCOL, USP

MSDS Date:07/30/1986

FSC:6505

NIIN:00-138-4150

MSDS Number: BJCPV === Responsible Party ===

Company Name: UNITEK CORPORATION

Address:2724 SOUTH PECK ROAD

City:MONROVIA

State:CA ZIP:91016

Info Phone Num:(818) 574-4000

Emergency Phone Num: (800) 424-9300

CAGE:90444

=== Co

ntractor Identification ===

Company Name: MCKESSON CHEM CO MCKESSON CHEMICAL CO DIVISION

Address:33950 7TH STREET

Box:City:UNION CITY

State:CA

ZIP:94587-3522 Country:US CAGE:98092

Company Name: UNITEK CORPORATION

Address:2724 S PECK RD Box:City:MONROVIA

State:CA

ZIP:91016-5005

Phone: (213) 445-7960

CAGE:90444

====== Composition/Information on Ingredients ========

Ingred Name:1,2-PROPANEDIOL (PROPYLENE GLYCOL)

CAS:57-55-6

RTECS #:TY2000000 Fraction by Wt: 99%

Other REC Limits:10 MG/C

UM OSHA PEL:NONE ACGIH TLV:NONE

========= Hazards Identification ===============

LD50 LC50 Mixture:ORAL RAT LD50 = 21-33.7 G/KG Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: REPEATED CONTACT MAY CAUSE SLIGHT FLAKING, TENDERNESS, SOFTENING, NON-IRRITATION & DERMATITIS. INGESTION: CENTRAL NERVOUS SYSTEM

EFFECTS.

Explanation of Carcinogenicity:NO

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ffects of Overexposure:EYES: IRRITATION. SKIN: REPEATED CONTACT MAY CAUSE FLAKING, TENDERNESS, SOFTENING, NON-IRRITATION, & DERMATITIS. INGESTION: CENTRAL NERVOUS SYSTEM EFFECTS.

Medical Cond Aggravated by Exposure: DERMATITIS

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MED ATT. EYES: FLUSH W/LOTS OF RUNNING WATER FOR 15 MINUTES. GET MED ATT. SKIN: WASH OFF IN FLOWING WATER.

INGESTION: NO ADVERSE EFFECTS ANTICIPATED.

============ Fire Fighting Measures ==============

Flash Point Method:PMCC

Flash Point:218F Lower Limits:2.6% Upper Limits:12.5%

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL, FOAM, CO2 Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: USE WATER SPRAY TO COOL NEARBY CONTAINERS & STRUCTURES EXPOSED TO FIRE.

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| Spill Release Procedures:FOR SMALL SPILLS & DRIPS, MOP, WIPE UP & DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FOR LARGE SPILLS, CONTAIN BY DIKING W/SOIL & OTHER NON-COMBUSTIBLE SORBENT MATERIAL & THEN PUMP INTO DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS & SOILS. |
| ========== Handling and Storage =========== |
| Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED |
| PLACE. STORE AWAY FROM ALL OTHER CHEMICALS & POTENTIAL SOURCES OF CONTAMINATION. WASH AFTER HANDLING. Other Precautions:KEEP CONTAINER TIGHTLY CLOSED WHEN NOT USED. DON'T USE PRESSURE TO EMPTY CONTAINER. DON'T GET IN EYES, & ON SKIN OR CLOTHING. DON'T CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS CONTAINER. |
| ====== Exposure Controls/Personal Protection ======== |
| Respiratory Protection:APPROPRIATE RESPIRATORS MAY BE A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CA RTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS/MISTS, SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR. Ventilation:GENERAL ROOM VENTILATION Eye Protection:CHEMICAL GOGGLES Supplemental Safety and Health IT IS GENERALLY RECOGNIZED THAT CONTACT LENSES SHOULDN'T BE WORN WHEN WORKING W/CHEMICALS BECAUSE THEY MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY. |
| ========= Physical/Chemical Properties ========= |
| Boiling Pt:B .P. Text:370F Vapor Pres:0.22 Vapor Density:2.62 Spec Gravity:1.04 Solubility in Water:100% Appearance and Odor:COLORLESS LIQUID, ODORLESS |
| ========= Stability and Reactivity Data ========= |
| Stability Indicator/Materials to Avoid:YES ACIDS, OXIDIZING MATERIALS Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES Hazardous Decomposition Products:CO, CO2, PROPIONALDEHYDE |
| ======= Disposal Considerations ========== |
| Waste Disposal Methods:CONSULT APPROPR |

IATE FEDERAL, STATE & LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

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