

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

===== Product Identification =====

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

=== Contractor Identification ===

Company Name:MCKESSON CHEM CO MCKESS

ON 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/CUM

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

Effects 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 Measures =====

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.

===== Accidental Release Measures =====

===

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 CARTRIDGE RESPIRATOR EQUIPPED FOR
ORGANIC VAPORS/MISTS, SELF-C
ONTAINED 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 APPROPRIATE FEDERAL, STATE & LOCAL
REGULATORY AGENCIES TO ASCERTAIN

PROPER DISPOSAL PROCEDURES.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.