

MCGEE IND INC -- MCLUBE 1720L -- 9150-01-325-9816

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

Product ID:MCLUBE 1720L

MSDS Date:09/01/1997

FSC:9150

NIIN:01-325-9816

Status Code:A

MSDS Number: CJKYX

=== Responsible Party ===

Company Name:MCGEE IND INC

Address:9 CROZERVILLE RD

City:ASTON

State:PA

ZIP:19014

Country:US

Info Phone Num:800-262-5823

Emergency Phone Num:800-262-5823

Chemtrec Ind/Phone:(800)424-9300

CAGE:04672

=== Contractor Identification ===

Company Name:MCGE

E IND INC

Address:9 CROZERVILLE RD

Box:City:ASTON

State:PA

ZIP:19014

Country:US

Phone:800-262-5823

Contract Num:SP0450-99-M-B064

CAGE:04672

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

Ingred Name:HEPTANE

CAS:64742-49-0

Minumum % Wt:25.

Maxumum % Wt:30.

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:400 PPM

Ingred Name:ETHYL ALCOHOL

CAS:64-17-5

RTECS #:KQ6300000

= Wt:10.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1900 MG/M3;1000 PPM

ACGIH TLV:1880 MG/M3;1000 PPM

Ingred N

ame:BUTYL ACETATE
CAS:123-86-4
RTECS #:AF7350000
Minumum % Wt:10.
Maxumum % Wt:15.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:710 MG/M3;150 PPM
ACGIH TLV:713 MG/M3;150 PPM
ACGIH STEL:950 MG/M3;200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE
CAS:1717-00-6
RTECS #:KI0997000
Minumum % Wt:35.
Maxumum % Wt:40.
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:500 PPM
Ozone Depleting Chemical:2

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
< Wt:3.
Other RE
C Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
OSHA STEL:C 300 PPM
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:FLUOROPOLYMER
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:EXPOSURE LIMIT: 450 PPM
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: EYE

S, SKIN, LIVER,
KIDNEYS, CNS, BLOOD, RESPIRATORY AND REPRODUCTIVE SYSTEMS (NIOSH).
INHALATION: PROLONGED BREATHING OF HIGH CONCENTRATIONS OF VAPOR MAY
CAUSE LIGHTHEADEDNESS, DIZZINESS AND LOSS OF BALANCE AND MAY LEAD
TO CARDIAC IRREGULARITIES, UNCONSCIOUSNESS OR EVEN DEATH. SKIN
CONTACT: MILD IRRITATION. EYE CONTACT: MILD IRRITATION. INGESTION:
LOW ORAL TOXICITY.

Explanation of Carcinogenicity:NONE OF THE COMPONENTS IN THIS PRODUCT
IS LISTED BY IARC, NTP, OR OSHA AS
A CARCINOGEN.

Effects of Overexposure:INHALATION: LIGHTHEADEDNESS, DIZZINESS AND LOSS
OF BALANCE AND MAY LEAD TO CARDIAC IRREGULARITIES, UNCONSCIOUSNESS
OR EVEN DEATH. SKIN CONTACT: MILD IRRITATION. EYE CONTACT: MILD
IRRITATION. INGESTION : LOW ORAL TOXICITY.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER. CALL A PHYSICIAN. SKIN: WASH OFF IN
FLOWING WATER. INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN.
INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:=-4.4C, 24.F
Lower Limits:1.9
Upper Limits:11.6
Extinguishing Media:WATER SPRAY, CO2, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING. COOL FIRE-EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL CONSIDERABLE DISTANCES
TO IGNITION SOURCES AND FLASH BACK. HAZARDOUS GASES CAN BE PRODUCED
REQUIRING RESPIRATORS.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. SOAK UP WITH INERT
ABSORBENT SUCH AS SAND, EARTH OR VERMICULITE AND PUT IN CLOSED
CONTAINER FOR PROMPT DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS CLOSED. CONTENTS MAY
BE UNDER PRESSURE: OPEN CONTAINERS SLOWLY TO RELEASE PRES

SURE. WHEN

TRANSFERRING PRODUCT, FOLLOW PROPER GROUNDING PROCEDURES. FLAMMABLE LIQUID AND VAPOR - KEEP AWAY FROM FLAMES AND OTHER IGNITION SOURCES. DO NOT SMOKE WHILE USING NOR CONTAMINATE TOBACCO PRODUCTS.

Other Precautions: AVOID BREATHING VAPORS; USE WITH ADEQUATE VENTILATION ESPECIALLY IN ENCLOSED AREAS. AVOID CONTACT WITH EYES OR SKIN. WASH HANDS THOROUGHLY AFTER HANDLING. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE; FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED

. DO

NOT CUT, DRILL OR WELD ON OR NEAR CONTAINER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: IN ABSENCE OF ENVIRONMENTAL CONTROL, APPROVED ORGANIC VAPOR-TYPE RESPIRATOR.

Ventilation: CONTROL VAPOR TO STANDARD, OSHA STANDARD 450 PPM.

Protective Gloves: IMPERMEABLE RECOMMENDED

Eye Protection: SAFETY GLASSES

Other Protective Equipment: BOOTS AND APRON DEPENDING ON EXTENT OR SEVERITY OF EXPOSURE.

Supplemental Safety and Health

HEATING SOLID A

CTIVE INGREDIENT ABOVE 500F MAY CAUSE FORMATION OF POTENTIALLY TOXIC SUBSTANCES.

===== Physical/Chemical Properties =====

HCC: F1

Boiling Pt: >32.2C, 90.F

B.P. Text: 90-260 F

Vapor Pres: 517 @20C

Vapor Density: 4

Spec Gravity: 0.95

Evaporation Rate & Reference: >1 (BUTYL ACETATE=1)

Solubility in Water: >1%

Appearance and Odor: WHITE, TRANSLUCENT LIQUID, FRUITY ODOR.

Percent Volatiles by Volume: 90-95

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING AGENTS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE, HYDROGEN FLUORIDE AND POSSIBLY SMALL AMOUNTS OF CARBONYL HALIDES.

===== Disposal Considerations =====

Waste Disposal Methods: INCINERATE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information: TOLUENE AND DI

CHLOROFLUOROETHANE ARE SUBJECT

TO THE REPORTING REQUIREMENTS OF SARA, TITLE III.

State Regulatory Information:TOLUENE CONTAINS TRACES OF BENZENE, A

CHEMICAL ON THE CALIFORNIA PROPOSITION 65 LIST OF CHEMICALS CLASSIFIED AS CARCINOGEN BY THE STATE OF CALIFORNIA.

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