

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)424-930  
0  
CAGE:04672  
=== Contractor Identification ===  
Company Name:MCGEE 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 Name: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  
&lt; Wt:3.  
Other REC 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 IAR

C:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, LIVER, KIDNEYS, CNS, BLOOD, RESPIRATORY AND REPRODUCTIVE SYSTEMS (NIOSH).  
INHALATION: PROLONGED BREATHING OF HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LIGHTHEADEDNESS, DIZZINE SS 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 C  
OMPONENTS 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. INH  
ALATION: 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 CON  
SIDERABLE 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 M

AY

BE UNDER PRESSURE: OPEN CONTAINERS SLOWLY TO RELEASE PRESSURE. 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 ACTIVE 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 DICHLOROFLUOROETHANE 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.

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.