

CHEMTREE CORPORATION -- METHYL ETHYL KETONE -- 6810-00-281-2785

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Product Identification
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Product ID:METHYL ETHYL KETONE
MSDS Date:03/12/1992
FSC:6810
NIIN:00-281-2785
MSDS Number: BMCCF
=== Responsible Party ===
Company Name:CHEMTREE CORPORATION
Address:CHEMTREE PARK
City:CENTRAL VALLEY
State:NY
ZIP:10917
Country:US
Emergency Phone Num:804-279-4371 (DGSC)
Preparer's Name:DOD-HMIS (DGSC-SSH)
CAGE:8G725
=== Contractor Identification ===
Company Name:CHEMTREE CORPORATION
Address:CHEMTREE PARK
Box:City:CENTRAL VALLEY
State:NY
ZIP:10917
Country:US
CAGE:8G725

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Composition/Information on Ingredients
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Ingred Name:2-BUTANONE (METHYL ETHYL KETONE)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 100.0%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200PPM/300STEL;8990
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2737 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION OF VAPORS MAY CAUSE COUGHING, CHEST PAINS, OR NOSE AND THROAT IRRITATION. PROLONGED EXPOSURE WILL HAVE AN ANESTHETIC EFFECT AND MAY CAUSE OTHER CENTRAL NERVOUS SYSTEM PROBLEMS. SEVERELY IRRITATING TO EYES; MAY RESULT IN BLINDNESS OR OTHER PERMANENT EYE INJURY.

Explanation

of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION OF VAPORS MAY CAUSE NAUSEA, VOMITING, HEADACHE, OR LOSS OF CONSCIOUSNESS. INGESTION MAY CAUSE DIZZINESS AND VOMITTING.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, LUNGS OR CNS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====
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First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTE S HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP & WATER. INGESTION:INDUCE VOMITING AND GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Metho

d:TCC

Flash Point:=-4.4C, 24.F

Lower Limits:1.4

Upper Limits:11.4

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST WHEN EXPOSED TO HEAT OF FIRE.

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

Spill R

Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. ELIMINATE ALL IGNITION SOURCES. STOP LEAK IF POSSIBLE WITHOUT RISK. USE WATER SPRAY TO REDUCE VAPORS. ABSORB WITH SAND OR OTHER INERT MATERIAL AND PLACE INTO DISPOSAL CONTAINER.

Neutralizing Agent:DILUTE WITH WATER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED FLAMMABLE LIQUID AREA. KEEP CONTAINERS TIGHTLY CLOSED. BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

Other Precautions:KEEP AWAY FROM HEAT, SPARKS, FLAME. AVOID BREATHING VAPOR. KEEP IN TIGHTLY CLOSED CONTAINER. USE WITH ADEQUATE VENTILATION. IN CASE OF FIRE, USE WATER SPRAY, ALCOHOL FOAM, DRY CHEMICAL, OR CARBON DIOXIDE. FLUSH SPILL AREA WITH WATER SPRAY.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR FOR CONCENTRATIONS UP TO 1000 PPM. WEAR SELF-CONTAINED BREATHING APPARATUS FOR HIGHER LEVELS OF AIRBORNE CONTAMINATES.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST RECOMMENDED FOR ENCLOSED AREAS TO MEET TLV REQUIREMENTS.

Protective Gloves:BUTYL RUBBER OR PVA

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL- TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:

USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDER CONTAMINATED CLOTHING BEFORE WEARING. FLUSH SPILL AREA WITH WATER SPRAY.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. DO NOT INGEST. READ PRECAUTIONS ON LABEL BEFORE USE. USE PROPER GROUNDING WHEN TRANSFERRING BETWEEN CONTAINERS. DO NOT WELD, CUT, BRAZE, DRILL, GRIND, SOLDER AROUND MATERIAL OR "EMPTY" CONTAINERS.

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===== Ph

ysical/Chemical Properties =====

HCC:F2

Boiling Pt:=79.4C, 175.F

Melt/Freeze Pt: