

SUNNYSIDE CORP -- METHYL ETHYL KETONE -- 6810-00-281-2785

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Product Identification
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Product ID:METHYL ETHYL KETONE

MSDS Date:12/04/1996

FSC:6810

NIIN:00-281-2785

Status Code:A

MSDS Number: CLMYZ

=== Responsible Party ===

Company Name:SUNNYSIDE CORP

Address:225 CARPENTER AVE

City:WHEELING

State:IL

ZIP:60090-6009

Country:US

Info Phone Num:847-541-5700

Emergency Phone Num:(800)424-9300

Chem

trec Ind/Phone:(800)424-9300

CAGE:9J570

=== Contractor Identification ===

Company Name:SUNNYSIDE CORP

Address:225 CARPENTER AVE

Box:City:WHEELING

State:IL

ZIP:60090-6009

Country:US

Phone:847-541-5700

CAGE:9J570

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;200 PPM

ACGIH STEL:885 MG/M3;300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazard
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s Identification =====

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

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

Health Hazards Acute and Chronic:EYE: SEVERALY IRRITATING. IF NOT REMOVED PROMPTLY, WILL INJURE EYE TISSUE, WHICH MAY RESULT IN PERMANENT DAMAGE. INHALATION: HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES AND THE RESPIRATORY TR ACT, MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTE

M EFFECTS. LOW ORDER OF TOXICITY. SKIN: PROLONGED OR REPEATED SKIN CONTACT MAY IRRITATE AND CAUSE DERMATI TIS. LOW ORDER OF TOXICITY. INGESTION: MINIMAL TOXICITY. SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FORM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY E DEMA. SEE OTHER INFORMATION.

Explanation of Carcinogenicity:MEK IS NOT LISTED BY THE NTP, IARC, OR OSHA.

Effects of Overexposure:EYES: SEVERELY IRRITATING. IF NOT REMOVE

D PROMPTLY, WILL INJURE EYE TISSUE, WHICH MAY RESULT IN PERMANENT DAMAGE. INHALATION. IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE HEADACHE AND D IZZINESS, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYTEM EFFECTS. SKIN: IRRITATE AND CAN CAUSE DERMATITIS. INGESTION. SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDAMA.

===== First Aid

Measures =====

First Aid:INHALATION: USING PROPER RESPIRTORY PROTECTION, IMMEDIATELY REMOVE THE AFFECTED VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL A TTENTION. EYE: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAT 15 MINUTES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH LARGE AMOUNTS OF WATER, USE SOAP IF AVAILABLE. REMOVE GROSSLY CONTAMINATED CLOTHING, IN CLUDING SHOES, AND LAUNDER B EFORE REUSE.

INGESTION: DO NOT INDUCE VOMITING, KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=-6.5C, 20.F

Autoignition Temp:=-460.C, 860.F

Lower Limits:1.8 @ 77 F

Extinguishing Media:EITHER ALLOW THE FIRE TO BURN UNDER CONTROLLED CONDITIONS OR EXTINGUISH WITH ALCOHOL TYPE FOAM AND DRY CHEMICAL. TRY TO COVER LIQUID SPILLS WITH FOAM.

Fire Fighting Procedures:USE WATER SPRAY TO CO

OL FIRE EXPOSED SURFACES

AND TO PROTECT PERSONNEL. SHUT OFF "FUEL" TO FIRE. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. VAPORS MAY CAUSE A FLASH FIRE OR IGNITE EXPLOSIVELY. VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. PREVENT BUILDUP OF VAPORS OR GASES TO EXPLOSIVE CONCENTRATIONS.

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

Spill Release

Spill Release Procedures:REMOVE IGNITION SOURCES, EVACUATE AREA, AVOID BREATHING VAPORS OR CONTACT WITH LIQUID. RECOVER FREE LIQUID OR STOP LEAK IF POSSIBLE. DIKE LARGE SPILLS AND USE ABSORBENT MATERIAL FOR SMALL SPILLS. KEEP SPILLED MATERIAL OUT OF SEWERS, DITCHES AND BODIES OF WATER. WARN OCCUPANTS AND SHIPPING IN SURROUNDING AND DOWNWIND AREAS OF FIRE AND EXPLOSION HAZARD AND REQUEST ALL TO STAY CLEAR.

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

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID EYE CONTACT. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WASH SKIN WITH SOAP AND WATER AFTER CONTACT. GROUND CONTAINERS WHEN TRANSFERRING LIQUID TO PREVENT STATIC ACCUMULATION AND DISCHARGE.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH

CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. DO NOT ATTEMPT TO CLEAN SINCE RESIDUE IS DIFFICULT TO REMOVE.

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

Respiratory Protection:WHERE CONCENTRATION IN AIR MAY EXCEED OCCUPATIONAL EXPOSURE LIMITS, NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation:EXPOSURE LEVELS SHOULD BE MAINTAINED BELOW APPLICABLE

CABLE

EXPOSURE LIMITS. THIS PRODUCT SHOULD NOT BE USED IN CONFINED SPACES,
(SEE SUPPLEMENTAL DATA)

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEMICAL SAFETY GOGGLES AND A FACE SHIELD.

Other Protective Equipment:IMPERVIOUS CLOTHING OR BOOTS WHERE NEEDED.

Work Hygienic Practices:REMOVE GROSSLY CONTAMINATED CLOTHING, INCLUDING
SHOES AND LAUNDRER EFORE REUSE.WASH THOROUGHLY BEFORE
EATING/DRINKING/SMOKING & AT END OF WORKDAY.

Supplemental Safety and Health

OR IN AMANNER THAT W

ILL ALLOW ACCUMULATION OF HITH VAPOR

CONCENTRATIONS. HOWEVER, FOR CONTROLLED INDUSTRIAL USES WHEN THIS
PRODUCT IS USED IN CONFINED SPACES, HEATED ABOVE AMBIENT
TEMPERATURES OR AGIT ATED, THE USE OF EXPLOSION PROOF VENTILATION
EQUIOMENT IS NECESSARY.

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

HCC:F2

Boiling Pt:>79.4C, 175.F

B.P. Text:175-177 F

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:26% @ 68 F

Appearance

and Odor:CLEAR, COLORLESS LIQUID, CHARACTERISTIC PUNGENT
ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, AMMONIA, STRONG OXIDIZING
AGENTS AND CHLORINATED COMPOUNDS.

Stability Condition to Avoid:HEAT, SPARKS AND FLAME.

Hazardous Decomposition Products:NONE KNOWN

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicologi

cal Information =====

Toxicological Information:CHRONIC EFFECTS: THERE IS NO EVIDENCE THAT EXPOSURE TO METHYL ETHYL KETONE (MEK) ALONE CAUSES PROGRESSIVE OR IRREVERSIBLE NEUROTOXIC EFFECTS. HOWEVER, SIMULTANEOUS OVER-EXPOSURE TO MEK AND N-HEXANE CAN POTENTIATE THE KNOWN IRREVERSIBLE NEUROTOXIC EFFECTS OF N-HEXANE. THERE IS NO REPORTED HUMAN EVIDENCE THAT THESE NEUROTOXIC EFFECTS OCCUR WHEN EXPOSURE TO BOTH CHEMICALS IS MAINTAINED BELOW ESTABLISHED OSH

A AND ACGIH LIMITS.

===== Ecological Information =====

Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT. PLEASE REFER TO SPILL SECTION FOR INFORMATION REGARDING ACCIDENTAL RELEASES AND SARA/FEDERAL REGULATORY SECTION FOR REGULATORY REPORTING INFORMATION

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

Waste Disposal Methods:INCINERATE UNDER SAFE CONDITIONS; DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT SHIPPING DESCRIPTION: METHYL ETHYL KETONE, 3, UN1193, II. RQ 5000 LBS

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

SARA Title III Information:ENVIRONMENTAL DATA: UNDER PROVISIONS OF TITLE III, SECTIONS 311/312 OF SARA PRODUCT IS CLASSIFIED INTO FOLLOWING HAZARD CATEGORIES: IMMEDIATE AND DELAYED HEALTH, FIRE. IMMEDIATE (ACUTE) HEALTH

.THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL WHICH IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372. COMMON NAME: 2-BUTANONE, ETHYL METHYL KETONE, MEK.

Federal Regulatory Information:CALIFORNIA PROPOSITION 65; THIS PRODUCT CONTAINS TRACE AMOUNTS OF BENZENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, AND TOLUENE, A CHEMICAL KNOWN TO THE STATE

OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

State Regulatory Information: CALIFORNIA PROPOSITION 65; THIS PRODUCT CONTAINS TRACE AMOUNTS OF BENZENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, AND TOLUENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

===== Other Information =====

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