

SUNNYSIDE CORP -- DENATURED ALCOHOL SOLVENT -- 6810-00-205-6786

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

Product ID: DENATURED ALCOHOL SOLVENT

MSDS Date: 12/03/1996

FSC: 6810

NIIN: 00-205-6786

MSDS Number: BDJNX

=== Responsible Party ===

Company Name: SUNNYSIDE CORP

Address: 225 CARPENTER AVE

City: WHEELING

State: IL

ZIP: 60090-6009

Country: US

Info Phone Num: 708-541-5700

Emergency Phone Num: 708-541-5700

CAGE: 9J570

=== Contractor Identification ===

Company Name: GRAVES-HUMPHREYS CO

Address: 5320 PETERS CREEK RD

Box: 13407

City: ROANOKE

State: VA

ZIP: 24033

Country: US

Phone: (800-336-5998)

CAGE: 1B236

Company Name: SUNNYSIDE CORP

Address: 225 CARPENTER AVE

Box: City: WHEELING

State: IL

ZIP: 60090-6009

Country: US

Phone: 847-541-5700

CAGE: 9J570

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

Inged Name: ETHYL ACETATE (SARA III)

CAS: 141-78-6

RTECS #: AH5425000

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Inged Name: ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS #: RQ6300000

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 8990

Inged Name: N-HEPTANE

CAS: 142-82-5

RTECS #: MI7700000

OSHA PEL: 500 PPM/500 STEL

ACGIH TLV: 400 PPM/500 STEL; 9293

Ingrid Name: METHYL ISOBUTYL KETONE (SARA III)
 CAS: 108-10-1
 RTECS #: SA9275000
 OSHA PEL: 100 PPM/75 STEL
 ACGIH TLV: 50 PPM/75 STEL; 9293
 EPA Rpt Qty: 5000 LBS
 DOT Rpt Qty: 5000 LBS

Ingrid Name: METHYL ALCOHOL (METHANOL) (SARA III)
 CAS: 67-56-1
 RTECS #: PC1400000
 OSHA PEL: S, 200 PPM/250 STEL
 ACGIH TLV: S, 200 PPM/250 STEL; 93
 EPA Rpt Qty: 5000 LBS
 DOT Rpt Qty: 5000 LBS

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

LD50 LC50 Mixture: LD50 (ORAL RAT) IS 7060 MG/KG (ETHANOL)

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 HIGH VAPOR

CONCENTRATIONS MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION AND NARCOSIS. EYE CONTACT WITH LIQUID OR VAPOR CAUSES IRRITATION. SKIN CONTACT MAY CAUSE IRRITATION AND DEFATTING OF SKIN ON PROLONGED CONTACT. INGESTION MAY CAUSE DEPRESSION OF CENTRAL NERVOUS SYSTEM, NAUSEA, VOMITING, DIARRHEA.

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

Effects of Overexposure: UPPER RESPIRATORY TRACT IRRITATION, SLEEPINESS, DIZZINESS, EYE IRRITATION, SKIN IRRITATION, SKIN DEFATTING, CNS DEPRESSION, NAUSEA, VOMITING, DIARRHEA, DEATH, BLINDNESS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: INGESTION: IF CONSCIOUS, DRINK WATER OR MILK TO DILUTE. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. CALL PHYSICIAN OR POISON CONTROL ASAP. ONLY INDUCE VOMITING IF ADVISED BY PHYSICIAN. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INHALATION: REMOVE TO FRESH AIR.

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

Flash Point Method: TCC

Flash Point: =5.C, 41.F

Lower Limits: 3.5

Upper Limits: NOT GIVEN

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, "ALCOHOL" FOAM, OR DRY CHEMICAL. WATER MAY BE INEFFECTIVE IN FIGHTING FIRE.

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: FLAMMABLE LIQUID. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. FOR LARGE SPILLS, FLUSH AREA WITH WATER SPRAY, PREVENT RUN OFF FROM ENTERING DRAINS, SEWERS OR STREAMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A FLAMMABLE LIQUID STORAGE ROOM OR CABINET. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:MAKE FREQUENT CAREFUL LEAKAGE INSPECTIONS. ISOLATE FROM OXIDEZERS, CHEMICALS CAPABLE OF SPONTANEOUS HEATING, MATERIALS REACTING WITH AIR OR MOISTURE TO LIBERATE HEAT, IGNITION SOURCES AND EXPLOSIVES. KEEP OUT OF DIRECT SUN & AWAY FROM HEAT.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANT IN AIR & IN ACCORDANCE WITH OSHA (29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:SOLVENT RESISTANT.

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS. CAUTION: FOR MANUFACTURING, PROCESSING, REPACKING OR INDUSTRIAL USE. NOT FOR HOUSHOLD USE. CONTAINER HAZARDOUS WHEN EMPTY. EMPTIED CONTAINERS RETAIN RESIDUAL LIQUID AND VAPOR. FOLLOW PRECAUTIONS ON LABEL AND IN MSDS.

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

HCC:F5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=73.9C, 165.F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:>1

Spec Gravity:0.81

Evaporation Rate & Reference:<1 (ETHER=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID; CHARACTERISTIC ALCOHOL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS MAY CAUSE VIGOROUS REACTION.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:COMBUSTION WILL PRODUCE CARBON DIOXIDE
AND PROBABLY CARBON MONOXIDE.

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

Waste Disposal Methods:INCINERATE UNDER SAFE CONDITIONS, OBSERVE ALL
FEDERAL, STATE AND LOCAL LAWS CONCERNING HEALTH AND ENVIRONMENT.

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