

MIDWEST GRAIN PRODUCTS INC -- DENATURED ALCOHOL SDA-3-A -- 6810-00-201-0904

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Product Identification
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Product ID: DENATURED ALCOHOL SDA-3-A
MSDS Date: 02/13/1987
FSC: 6810
NIIN: 00-201-0904
MSDS Number: BHBGL
=== Responsible Party ===
Company Name: MIDWEST GRAIN PRODUCTS INC
Address: 1300 MAIN
City: ATCHISON
State: KS
ZIP: 66002
Country: US
Info Phone Num: 913-367-1480
Emergency Phone Num: 913-367-1
480
Preparer's Name: JOHN M. WOHLGEMUTH
CAGE: 3T076
=== Contractor Identification ===
Company Name: HOC INDUSTRIES, INC
Address: 3511 N. OHIO
Box: 2609
City: WICHITA
State: KS
ZIP: 67219
Country: US
Phone: 316-838-4663
CAGE: 0A9L8
Company Name: MIDWEST GRAIN PRODUCTS INC
Address: 1300 MAIN ST
Box: 130
City: ATCHISON
State: KS
ZIP: 66002
Country: US
Phone: 913-367-1480; 800255-0302
CAGE: 3T076

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Composition/Information on Ingredients
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Ingred Name: ETHYL ALCOHOL (ETHANOL)
CAS: 64-17-5
RTECS

#:KQ6300000
Fraction by Wt: 95.2%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingrid Name:METHYL ALCOHOL (METHANOL) (SARA III)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 4.8%
Other REC Limits:250 PPM (STEL)
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health H
azards Acute and Chronic:HEALTH HAZARD TO EYES,LIVER,HEART AND
KIDNEYS.
Effects of Overexposure:IRRITATION OF THE EYES,BLURRED
VISION,BLINDNESS,SKIN
IRRITATION,WEAKNESS,DROWSINESS,VOMITING,DRUNKENNESS,DEATH.
Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND
WATER.SEE DOCTOR. I
NHALATION: REMOVE VICTIM TO FRESH AIR.GIVE
OXYGEN/CPR IF

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

Flash Point Method:CC
Flash Point:=12.8C, 55.F
Lower Limits:3.3
Upper Limits:19
Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL.
Fire Fighting Procedures:DO NOT USE WATER.WEAR SCBA AND PROTECTIVE
CLOTHING.USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO
DISPERSE UNIGNITED VAPORS.
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID.TOXIC GASES SUCH AS

CARBON MONOXIDE AND FORMALDEHYDE MAY BE RELEASED IN A FIRE.

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

Spill Release Procedures:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.WEAR PROTECTIVE CLOTHING & EQUIPMENT.EVACUATE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.USE NON-SPARKING TOOLS.STOP LEAK.ABSORB IN INERT ABSORBENT & PLACE INTO APPROPRIATE DISPOSAL CONTAINER& SEAL.

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

Handlin

g and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:BOND AND GROUND CONTAINERS.NO SMOKING IN AREA.

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

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH CARTRIDGE APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RUBBER.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN.DO NOT BREATHE VAPORS.WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

DENATURED ALCOHOL: CONTAINS TOXIC METHANOL. AVOID CONTACT AND BREATHING OF VAPORS.

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

HCC:F5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=78.3C, 173.F

Vapor Pres:44

Vapor Density:1.6

Spec Gravity:0.79

Evaporation Rate & Reference:5.9 (BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:WATER CLEAR PUNGENT LIQUID, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZI

NG AGENTS SUCH AS ACETYL CHLORIDE,NITRIC ACID AND HYDROGEN PEROXIDE.METHANOL MAY ATTACK SOME FORMS OF PLASTICS.

Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE,INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods:KEEP IN COVERED DRUMS PENDING DISPOSAL.CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER FOR DISPOSAL.DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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