

MIDWEST GRAIN PRODUCTS INC -- SDA-3A -- 6810-00-201-0906

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

Product ID:SDA-3A

MSDS Date:09/01/1993

FSC:6810

NIIN:00-201-0906

MSDS Number: BDJHL

=== Responsible Party ===

Company Name:MIDWEST GRAIN PRODUCTS INC

Address:1300 MAIN ST

City:ATCHISON

State:KS

ZIP:66002-2666

Country:US

Info Phone Num:913-367-1480

Emergency Phone Num:913-367-1480

Preparer's Name:JOHN M. WO

HLGEMUTH

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

Company Name:MIDWEST GRAIN PRODUCTS OF IL

Address:RIVER RD AND FRONT ST

Box:1069

City:PEKIN

State:IL

ZIP:61555-1069

Country:US

Phone:309-353-3990

CAGE:3J9

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Company Name:NO VENDOR HAS BEEN NAMED FOR THIS LINE.

Box:UNKNOW

CAGE:NO672

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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

Ingred 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 Q

ty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:EYE-ITTITATION OF THE EYES.

SKIN-IRRITATION WILL OCCURE WITH CONTACT WITH THE SKIN.

INHALATION-IRRITATION TO THE EYES.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED AS CARCINOGE

NIC BY NTP, IARC OR OSHA.

Effects of Overexposure:EYE-BLURRED VISION AND BLINDNESS MAY OCCUR.

INHALATION-DROWSINESS, WEAKNESSM DRUNNKENNESS. INGESTION-VOMITING, WEAKNESS AND DEATH MAY OCCUR.

Medical Cond Aggravated by Exposure:BLURRED VISION, BLINDNESS, SKIN IRRITATIONS.

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First Aid Measures
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First Aid:EYE-IRRIGATE EYES WITH WATER. SEEK MEDICAL ATTENTION AS OON AS POSSIBLE. DO NOT WEAR CONTACT LENSES. SKIN-WASH AND FLUSH WITH

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OAPY WATER. INHALATION-MOVE PATIENT TO FRESH AIR, PERFORM ARTIFICIAL RESPIRATION IF NEEDED, SEEK MEDICAL ATTENTION IMMEDIATELY. INGESTION-SEE PHYSICIAN IMMEDIATELY.

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

Flash Point:=11.1C, 52.F

Lower Limits:4.3 %

Upper Limits:19%

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE.

Fire Fighting Procedures:DO NOT USE WATER.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. TOXIC GASES SUCH AS CARBON MONOXIDE AND FOR MALDEHYDE MAY BE RELEASED IN A FIRE.

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

Spill Release Procedures:PERSONS NOT WEARING PROTECTIVE EQUIPMENT AND CLOTHING SHOULD STAY OUT OF SPILL AREA. REMOVE ALL IGNITIONS SOURCES. VENTILATE AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID HEAT, REMOVE ALL IGNITION SOURCES. WEAR PROTECTIVE EQUIPMENT.

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er Precautions:DO NOT ALLOW PERSONS TO ENTER CONFINED AREAS, SUCH AS SEWERS.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE LOCAL EXHAUST SUFFICIENT TO KEEP CONCENTRATIONS BELOW THRESHOLD LIMITS AND WHICH IS EXPLOSION PROOF.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SPLASHPROOF GOGGLES OR FACE SHIELD.

Other Protective Equipment:IMPERVIOUS CLOTHING.

Work Hygienic Practices:WASH ANY AREA

THAT COMES IN CONTACT WITH THE PRODUCT. WEAR PROTECTIVE EQUIPMENT DESCRIBED ABOVE.

Supplemental Safety and Health

STORE OUT OF REACH OF CHILDREN. (NOTE:25SEP97. MSDS IS NEWER THAN ONE RECEIVED FROM HOME OIL CO. VENDOR ADDED. REMAINDER LEFT UNCHANGED.)

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

HCC:F5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=64.4C, 148.F

Vapor Pres:43.9

Vapor Density:1.1

Spec Gravity:0.816

Evaporation Rate & Reference:5.9 (N-BUTYL A

CETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:WATER CLEAR, PUNGENT, CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:OPEN FLAMES AND SPARKS. OXIDIZING AGENTS.

Hazardous Decomposition Products:CARBON DIOXIDE IS FORMED DURING COMBUSTION.

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

Waste Disposal Methods:SMALL QUANTITIES MAY BE ABSORBED ON PAPER TOWELS AND EVAPORATED IN A HOOD. LARGER QUANTITIES MAY BE COLLECTED AND ATOMIZED IN A SUITABLE COMBUSTIBLE CHAMBER.

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