

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

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

Product ID:SDA-3A

MSDS Date:11/14/1990

FSC:6810

NIIN:00-201-0906

MSDS Number: BMZRF

=== Responsible Party ===

Company Name:MIDWEST GRAIN PRODUCTS

Address:1 MCCORMICK LN

City:WESTON

State:MO

ZIP:64098

Country:US

Info Phone Num:816-386-2276

Emergency Phone Num:800-825-0377

Preparer's Name:LISA WILLIAMS

Chemtrec

Ind/Phone:(800)424-9300

CAGE:0M034

=== Contractor Identification ===

Company Name:DATAWARE ELECTRONICS CORP, SUB OF DATAWARE SYSTEM

Address:30 BAY ST

Box:City:STATEN ISLAND

State:NY

ZIP:10301-2512

Country:US

CAGE:1T110

Company Name:MIDWEST GRAIN PRODUCTS COMPANY

Address:1 MCCORMICK LANE

Box:City:WESTON

State:MO

ZIP:64098

Country:US

Phone:816-386-2276

CAGE:0M034

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 95.2%  
Other REC Limits:NONE SPECIFIED BY M.  
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 Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO  
IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INDUSTRIAL ALCOHOL NORMALLY CONTAINS  
POISONOUS DENATURANTS WHICH CAN CAUSE A VARIETY OF SYMPTOMS.  
EFFECTS OF EXPOSURE INCLUDE WEAKNESS, DROWSINESS, VOMITING,  
DRUNKENNESS, BLURRED VISION, BLINDNESS, IRRITATION OF THE EYES AND  
SKIN, DEATH.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY  
CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:WEAKNESS, DROWSINESS, VOMITING, DRUNKENNESS,  
IRRITATION OF THE EYES, DEATH.

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

First Aid:IN CASE OF EYE CONTACT, IRRIGATE EYES WITH WATER, LIFTING  
LIDS OCCASIONALLY. SEEK MEDICAL ATTENTION. DO NOT WEAR CONTACT  
LENSES. IN CASE OF SKIN CONTACT, WASH WITH SOAPY WATER. IN CASE OF  
INHALATION, MOVE VICTIM TO FRESH AIR. PERFORM ARTIFICIAL  
RESPIRATION AS NEEDED. SEEK MEDICAL ATTENTION. IN CASE OF  
INGESTION, SEE PHYSICIAN.

=====  
===== Fire Fighting

Measures =====

Flash Point:=11.1C, 52.F

Lower Limits:4.3 %

Upper Limits:19%

Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

===== Accidental Release

Measures =====

Spill Release Procedures:PERSONS NOT WEARING PROTECTIVE EQUIPMENT AND CLOTHING SHOULD STAY OUT OF SPILL AREA. REMOVE ALL IGNITION SOURCES. VENTILATE AREA. ABSORB ON PAPER TOWEL OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:DO NOT ALLOW PERSONS TO ENTER CONFINED AREAS.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS

Ventilation:LOCAL EXHAUST AND/OR MECHANICAL VENTILATION RECOMMENDED.

Protective Gloves:RUBBER

Eye Protection:SPLASH-PROOF SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:IMPERVIOUS CLOTHING

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

STORE OUT OF REACH OF CHILDREN.

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

HCC:F5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=64.4C, 148.F

Vapor Pres:43.9

Vapor Density:1.5

Spec Gravity:0.80

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

Solubility in Water:COMPLETE

Appearance and Odor:WATER CLEAR, PUNGENT, CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Mat

erials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: OPEN FLAMES AND SPARKS

Hazardous Decomposition Products: CARBON DIOXIDE IS FORMED DURING COMBUSTION

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

Waste Disposal Methods: SMALL QUANTITIES MAY BE EVAPORATED IN HOOD. INCINERATE IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is fo

rmulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.