

MIDWEST GRAIN PRODUCTS COMPANY -- ALCOHOL -- 6810-00-823-8003

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

Product ID:ALCOHOL

MSDS Date:02/05/1991

FSC:6810

NIIN:00-823-8003

MSDS Number: BQNRB

=== Responsible Party ===

Company Name:MIDWEST GRAIN PRODUCTS COMPANY

Address:1 MCCORMICK LANE

City:WESTON

State:MO

ZIP:64098

Country:US

Info Phone Num:816-386-2276

Emergency Phone Num:816-386-2276

Preparer's Name:LISA

WILLIAMS

CAGE:0M034

=== Contractor Identification ===

Company Name:DATAWARE SYSTEMS LEASE INC.

Address:30 BAY STREET

Box:City:STATEN ISLAND

State:NY

ZIP:10301-2512

Country:US

Phone:718-447-4911

CAGE:4X459

Company Name:MCCORMICK DISTILLING CO

Address:1 MCCORMICK LN

Box:City:WESTON

State:MO

ZIP:64098

Country:US

Phone:800-424-9300/202-483-7616

CAGE:0KZD5

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: 92-100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 0-7.6%

Other REC Limits:NONE SPECIFIED

Ingred Name:FUCHSIN

Fraction by Wt: 2% PPM

Other REC Limits:NONE RECOMMENDED

===== 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:HEALTH HAZARDS-ACUTE:IRRITATION OF EYES, NOSE AND THROAT, HEADACHE. CHRONIC:DROWSINESS AND LASSITUDE, LOSS OF APPPETITE AND INABILITY TO CONCENTRATE.

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

Effects of Overexposure:MFR LEFT THIS FIELD BLANK. HMIS: EYES, NOSE, AND THROAT IRRITATION. HEADACHE, DROWSINESS, LASSITUDE, LOSS OF APETITE, INABILITY TO CONCENTRATE.

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

First Aid:EYES:IRRIGATE EYES WITH WATER. SKIN:FLOOD WITH WATER.

INHALATION:IF EXCESSIVE NOTIFY PROPER AUTHORITY FOR INSTRUCTION.

INGESTION:GASTRIC LAVAGE,FOLLOWED BY SALINE CATHARSIS. GET MEDICAL CARE.

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

Flash Point Method:CC

Flash Point:55.0F,12.8C

Auto

ignition Temp:Autoignition Temp Text:793F

Lower Limits:3.28

Upper Limits:19.00

Extinguishing Media:USE CARBON DIOXIDE, ALCOHOL FOAM, DRY CHAMICAL

Fire Fighting Procedures:DO NOT USE WATER UNLESS IN DELUGE QUANTITIES.

HMIS:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF  
CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:EXPLOSION HAZARD IS MODERATE WHEN EXPOSED  
TO FLAME.

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

Spill Release Proced

ures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.

DILUTION WITH WATER WILL DECREASE THE RISK OF A FIRE HAZARD.

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

Handling and Storage Precautions:STORE AWAY FROM OXIDIZING AGENTS. KEEP  
AWAY FROM HEAT AND IGNITION SOURCES. USE ADEQUATE VENTILATION.

Other Precautions:KEEP CONTAINERS CLOSED. GROUND CONTAINERS WHEN  
EMPTYING.

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

Respiratory Protection:ACTIV  
ATED CARBON RESPIRATOR

Ventilation:LOCAL EXHAUST VENTILATION SUFFICIENT TO KEEP EXPOSURE BELOW  
1000 PPM.

Protective Gloves:NOT REQUIRED IF NO SKIN CONTACT

Eye Protection:SAFETY EYEWARE WITH SPLASH GUARDS

Other Protective Equipment:IF PEL IS EXCEEDED, USE NIOSH APPROVED  
RESPIRATOR.

Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE  
PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING  
OR DRINKING.

Supplemental Safety and Health

KEY2:KT

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Physical/Chemical Properties =====

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:172F,78C

Vapor Pres:100 MM

Vapor Density:1.59

Spec Gravity:0.789-0.816/60F

Evaporation Rate & Reference:2.7 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETELY MISCIBLE

Appearance and Odor:WATER CLEAR, NEUTRAL ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS SUCH AS ACTYL CHLORIDE, NITRIC ACID, AND HYDROGEN PEROXIDE.

Stability Condition to Avoid:KEEP AWAY FROM HEAT AND IGNITION SOURCES.

Hazardous Decomposition Products:CARBON DIOXIDE IS FORMED DURING COMBUSTION

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:SMALL AMOUNTS MAY BE FLUSHED WITH WATER. LARGE AMOUNTS MAY BE CONTAINED AND COLLECTED FOR INCINERATION.

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mation is formulated 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.