

MCCORMICK DISTILLING CO -- ETHYL ALCOHOL -- 6810-00-242-3645

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Product Identification  
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Product ID:ETHYL ALCOHOL

MSDS Date:07/28/1994

FSC:6810

NIIN:00-242-3645

MSDS Number: BWRJS

=== Responsible Party ===

Company Name:MCCORMICK DISTILLING CO

Address:1 MCCORMICK LN

City:WESTON

State:MO

ZIP:64098

Country:US

Info Phone Num:800-825-0377

Emergency Phone Num:800-424-9300

CAGE:0KZD5

=== Contract

or Identification ===

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

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Composition/Information on Ingredients  
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:RQ6300000

Fraction by Wt: 95%

OSHA PEL:1000 PPM

ACGIH TLV

:1000 PPM; 8990

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

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:ACUTE: CONTACT MAY CAUSE SKIN & EYE IRRITATION. INHALATION OF VAPORS MAY IRRITATE MUCOUS MEMBRANES OR CAUSE CNS EFFECTS (AT VERY HIGH VAPOR CONCENTRATIONS). INGESTION MAY CAUSE CNS DEPRESSSION. CHRONI C: NONE

SPECIFIED BY  
MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUEPECTED CARCINOGEN.

Effects of Overexposure:EYES-REDNESS, TEARING, STINGING.BURNING. SKIN: REDNESS, DISCOMFORT. INHALED: COUGHING, SHORTNESS OF BREATH, HEADACHE, DIZZINESS, NAUSEA. INGESTED: NAUSEA, VOMITING, DIZZINESS, INCCORDINATION, SLURRED SPEECH, HEADACHE, UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:NOT AVAILABLE.

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

First Aid:INHALED-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. FLUSH WITH WATER. INGESTED-SEEK IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:60.8F,16.0C

Lower Limits:3.3

Upper Limits:19.0

Extinguishing Media:CARBON DIOXIDE, A LCOHOL-RESISTANT FOAM OR DRY

CHEMICAL. WATER MAY BE INEFFECTIVE IN FIGHTING ALCOHOL FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT & A FULL FACED SELF CONTAINED BREATHING APPARATUS.USE WATER IN DELUGE QUANTITIES OR TO KEEP FIRE EXPOSED SURFACES COOL.

Unusual Fire/Explosion Hazard:DANGEROUS FIRE HAZARD, MODERATE EXPLOSION HAZARD WHEN EXPOSED TO IGNITION SOURCE.

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

Spill Release Procedures:EL

IMINATE ALL SOURCES OF IGNITION. CONTAIN  
SPILLED MATERIAL. DILUTE TO NON-FLAMMABLE MIXTURE WITH WATER.  
VENTILATE THE SPILL AREA. PREVENT RUN-OFF FROM ENTERING DRAINS,  
SEWERS OR STREAMS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM  
HEAT, OPEN FLAMES, OTHER SOURCES OF IGNITION AND STRONG OXIDIZING  
AGENTS.

Other Precautions:PROPERLY BO  
ND & GROUND ALL CONTAINERS DURING TRANSFER  
OPERATIONS. EMPTY CONTAINERS MAY CONTAIN RESIDUAL VAPORS/LIQUID AND  
CAN BE A FIRE OR EXPLOSION HAZARD.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE  
OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR  
AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE  
WITH 29 CFR 1910.13 4 AND MANUFACTURER'S RECOMMENDATIONS.

Ve  
ntilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR  
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS:  
EYE WASH STATION AND SAFETY SHOWER, WORK CLOTHING AND APRON AS  
REQUIRED.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES  
BEFORE REUSE.

Supplemental Safety and Health

DLA-HMIS: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR  
IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:F2

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

Vapor Pres:45

Vapor Density:1.6

Spec Gravity:0.82

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

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID; ALCOHOL ODOR.

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===== Stability and Reactivity

Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER. DLA-HMIS:

AVOID SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: CONTAIN AND COLLECT FOR INCINERATION. IN ALL  
CASES, DISPOSE OF I  
N ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIONS.

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