

MCCORMICK DISTILLING -- ETHYL ALCOHOL, ABSOLUTE - ETHYL ALCOHOL, ABSOLUTE, ACS

MATERIAL SAFETY DATA SHEET

NSN: 6810002423645

Manufacturer's CAGE: 0KZD5

Part No. Indicator: C

Part Number/Trade Name: ETHYL ALCOHOL, ABSOLUTE

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General Information  
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Item Name: ETHYL ALCOHOL, ABSOLUTE, ACS

Company's Name: MCCORMICK DISTILLING CO

Company's Street: 1 MCCORMICK LN

Company's City: WESTON

Company's State: MO

Company's Country: US

Company's Zip Code: 64098

Company's Emerg Ph #: 800-424-9300/202-483-7616

Company's Info Ph #: 800-825-0377/816-640-2276

Record No. For Safety Entry: 003

Tot Safety Entries This Stk#: 014

Status: FE

Date MSDS Prepared: 28JUL94

Safety Data Review Date: 18FEB98

Supply Item Manager: CX

MSDS Serial Number: CGDXG

Hazard Characteristic Code: F3

Unit Of Issue: GL

Unit Of Issue Container Qty: 1 GAL

Type Of Container: BOTTLE

Net Unit Weight: 6.6 LBS

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Ingredients/Identity Information  
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Proprietary: NO

Ingredient: ETHYL ALCOHOL (ETHANOL)

Ingredient Sequence Number: 01

Percent: 100

NIOSH (RTECS) Number: KQ6300000

CAS Number: 64-17-5

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9596

Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics  
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Appearance And Odor: CLEAR LIQUID; ALCOHOL ODOR.  
Boiling Point: 172F,78C  
Vapor Pressure (MM Hg/70 F): 45  
Vapor Density (Air=1): 1.6  
Specific Gravity: 0.79  
Evaporation Rate And Ref: 2.7 (N-BUTYL ACETATE=1)  
Solubility In Water: COMPLETE

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Fire and Explosion Hazard Data  
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Flash Point: 14F,-10C  
Flash Point Method: TCC  
Lower Explosive Limit: 3.3  
Upper Explosive Limit: 19  
Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL RESISTANT  
FOAM.  
Special Fire Fighting Proc: WATER MAY BE INEFFECTIVE IN FIGHTING AN  
ALCOHOL FIRE. USE WATER IN DELUGE QUANTITIES OR TO KEEP FIRE EXPOSED  
SURFACES COOL.  
Unusual Fire And Expl Hazrds: DANGEROUS FIRE HAZARD, MODERATE EXPLOSION  
HAZARD WHEN EXPOSED TO IGNITION SOURCE.

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Reactivity Data  
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Stability: YES  
Materials To Avoid: OXIDIZING AGENTS.  
Hazardous Decomp Products: CARBON DIOXIDE, CARBON MONOXIDE.  
Hazardous Poly Occur: NO

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Health Hazard Data  
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Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: ACUTE: BURNING OR IRRITATION OF THE EYES,  
NOSE AND THROAT. CHRONIC: UNKNOWN.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO

Signs/Symptoms Of Overexp: HEADACHE, DIZZINESS, NAUSEA, DROWSINESS, INCOORDINATION.

Emergency/First Aid Proc: EYE OR SKIN- FLUSH WITH WATER (AT LEAST 15 MIN.) AND REMOVE CONTAMINATED CLOTHING. INHALATION- REMOVE VICTIM TO FRESH AIR; PERFORM ARTIFICIAL RESPIRATION IF NEEDED. INGESTION- SEEK IMMEDIATE MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ELIMINATE ALL SOURCES OF IGNITION. CONTAIN SPILLED MATERIAL. DILUTE TO A NON-FLAMMABLE MIXTURE WITH WATER. VENTILATE THE SPILL AREA. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, OR STREAMS.

Waste Disposal Method: CONTAIN AND COLLECT FOR INCINERATION. IN ALL CASES, DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

Precautions-Handling/Storing: STORE AWAY FROM HEAT AND IGNITION SOURCES AND OXIDIZERS. CONTAINERS SHOULD BE GROUNDED WHEN CONTENTS ARE BEING TRANSFERRED.

Other Precautions: EMPTY CONTAINERS MAY CONTAIN RESIDUAL VAPORS AND CAN BE A FIRE OR EXPLOSION HAZARD.

Control Measures

Respiratory Protection: NIOSH APPROVED RESPIRATOR IF PERMISSIBLE EXPOSURE LIMIT IS EXCEEDED.

Ventilation: LOCAL EXHAUST WHERE HIGH CONCENTRATIONS EXIST. USE MECHANICAL IN ALL USE AREAS. USE EXPLOSION PROOF IF NEEDED.

Protective Gloves: USE IMPERVIOUS GLVOES.

Eye Protection: FACE SHIELD OR SAFETY GLASSES.

Work Hygienic Practices: EXPOSED CLOTHING AND SKIN MAY BE WASHED WITH SOAP AND WATER.

Suppl. Safety & Health Data: NONE

Transportation Data

Trans Data Review Date: 98049

DOT PSN Code: FTN

DOT Proper Shipping Name: ETHANOL OR ETHYL ALCOHOL OR ETHANOL SOLUTIONS OR ETHYL ALCOHOL SOLUTIONS

DOT Class: 3

DOT ID Number: UN1170

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: GOQ  
IMO Proper Shipping Name: ETHANOL  
IMO Regulations Page Number: 3219  
IMO UN Number: 1170  
IMO UN Class: 3.2  
IMO Subsidiary Risk Label: -  
IATA PSN Code: KXQ  
IATA UN ID Number: 1170  
IATA Proper Shipping Name: ETHANOL  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
AFI PSN Code: KXQ  
AFI Prop. Shipping Name: ETHANOL OR ETHANOL SOLUTIONS OR ETHYL ALCOHOL OR  
EHTYL ALCOHOL SOLUTIONS  
AFI Class: 3  
AFI ID Number: UN1170  
AFI Pack Group: II  
AFI Special Prov: P5  
AFI Basic Pac Ref: A7.3  
Additional Trans Data: THIS MSDS IS FOR 200 PROOF ETHANOL.

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Disposal Data  
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Label Data  
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Label Required: YES  
Technical Review Date: 18FEB98  
Label Status: F  
Common Name: ETHYL ALCOHOL, ABSOLUTE  
Chronic Hazard: NO  
Signal Word: WARNING!  
Acute Health Hazard-Moderate: X  
Contact Hazard-Moderate: X  
Fire Hazard-Severe: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: ACUTE: BURNING OR IRRITATION OF THE EYES, NOSE  
AND THROAT. CHRONIC: UNKNOWN. STORE AWAY FROM HEAT AND IGNITION SOURCES AND  
OXIDIZERS. CONTAINERS SHOULD BE GROUNDED WHEN CONTENTS ARE BEING  
TRANSFERRED. FIRST AID: EYE OR SKIN- FLUSH WITH WATER (AT LEAST 15 MIN.)  
AND REMOVE CONTAMINATED CLOTHING. INHALATION- REMOVE VICTIM TO FRESH AIR;  
PERFORM ARTIFICIAL RESPIRATION IF NEEDED. INGESTION- SEEK IMMEDIATE MEDICAL

ATTENTION.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: MCCORMICK DISTILLING CO

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Label City: WESTON

Label State: MO

Label Zip Code: 64098

Label Country: US

Label Emergency Number: 800-424-9300/202-483-7616