

FISHER SCIENTIFIC COMPANY -- ETHYL ALCOHOL, ACS, ABSOLUTE -- 6810-00-924-5221

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Product Identification  
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Product ID:ETHYL ALCOHOL, ACS, ABSOLUTE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-924-5221

MSDS Number: BFWQP

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC COMPANY

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num

:201-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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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: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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Hazards Identification  
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Effects of Overexposure: ANESTHESIA, NAUSEA, HEADACHES, DIZZINESS. POSS DEHYDRATION OF SKIN. EYES: IRRIT.

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

First Aid: INH: REMOVE VICTIM TO FRESH AIR, GIVE ARTIFICIAL RESP IF BREATHING HAS STOPPED. SKIN: WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. EYES: FLUSH THOROUGHLY W/WATER 15 MINS, INCLUDING UNDER EYELIDS.

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

FI  
Flash Point: 55F, 13C TCC  
Lower Limits: 4.3  
Upper Limits: 19.0  
Extinguishing Media: CO<sub>2</sub>, DRY CHEMICAL, STEAM, ALCOHOL FOAM  
Fire Fighting Procedures: AS USED FOR FLAMMABLE, WATER SOLUBLE LIQUIDS.

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

Spill Release Procedures: FLUSH W. WATER, AVOID CONTACT W/SPARKS OR OPEN FLAME. DO NOT FLUSH INTO A CONFINED AREA. ABSORB ON VERMICULITE OR OTHER SUITABLE MEDIA. SCOOP UP & PLACE IN A SUITABLE CONTAINER.

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

Handling and Storage Precautions: AVOID FLAME OR SPARKS. ANHYDROUS PURE PRODUCT CAN ATTACH ALUMINUM AT ELEVATED TEMPERATURE. HANDLE AS FLAMMABLE LIQUID.

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

Respiratory Protection: NIOSH/MSHA APPROVED AIR PACK OR ORGANIC-VAPOR CANNISTER.  
Ventilation: LOCAL EXHAUST: DESIRABLE. GEN MECH: AS REQD TO MAINTAIN TLV  
Protective Gloves: RUBBER  
Eye Protection: GOGGLES  
Supplemental Safety and Health  
CONTAIN

ER SIZE: 1 GAL BOTTLE.

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

HCC:F3

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

Vapor Pres:44

Vapor Density:1.6

Spec Gravity:0.794

Evaporation Rate & Reference:1.6,N-BUAC

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS, MOBILE LIQUID, PLEASANT ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS. REACTS W/ALKAL

I METAL TO LIBERATE H

Stability Condition to Avoid:SPARKS & OPEN FLAME

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

Waste Disposal Methods:FLUSH W/WATER OR CONTROLLED BURNING. ALL  
DISPOSAL METHODS MUST BE IN ACCORDANCE W/LOCAL,STATE & FEDERAL  
REGULATIONS.

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