

FISHER SCIENTIFIC, CHEMICAL DIV. -- ETHYL ALCOHOL, ACS -- 6810-00-865-2915

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

Product ID:ETHYL ALCOHOL, ACS

MSDS Date:01/01/1985

FSC:6810

NIIN:00-865-2915

MSDS Number: BFTDX

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100 OR 201-796-7523

Emergency

Phone Num:201-796-7100/800-424-9300(CHEMTREC)

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

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 100%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

===== Hazards Identification =

=====

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, INCLUD ING UNDER EYELIDS.

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

Flash Point:55F,13C TCC
Lower Limits:4.3
Upper Limits:19.0
Extinguishing Media:CO*2, DRY CHEMICAL, STEAM, ALCOHOL FOAM
Fire Fighting Procedures:AS YUSED 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 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 APPRVD AIR PACK OR ORGANIC-VAPOR
CANNISTER.
Ventilation:LOC EXHST:DESIRABLE. GEN MECH:AS REQD TO MAINTAIN TLV.
Protective Gloves:RUBBER
Eye Protection:GOGGLES
Supplemental Safety and Health
CONTAINER SIZE:5 GAL PAIL

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

HCC:F2

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/ALKALI 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.

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

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or imple

d, 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.