

SHAPE PRODUCTS -- ETHYL ALCOHOL, ACS, ABSOLUTE -- 6810-00-264-5906

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

Product ID:ETHYL ALCOHOL, ACS, ABSOLUTE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-264-5906

MSDS Number: BDQKZ

=== Responsible Party ===

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Info Phone Num:415-534-1186

Emergency Phone Num:415-534-1186

CAGE:

3D869

=== Contractor Identification ===

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186 OR 800-444-0015

CAGE:3D869

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 99.2%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

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

Effects of Overexposure:HEADACHE,DIZZI

NESS,DULLNESS,IRRITATES SKIN &
EYES.

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First Aid Measures
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First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG
DIFF GIVE OXYGEN, EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH
W/SOAP&WATER. RMV CONTAM CLTHG&SHOES. INGEST:INDUCE VOMIT. RPT
UNTIL VOMIT IS C LEAR. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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Fire Fighting Measures
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Flash Point:58F,14C TCC
Autoignition Temp:A
utoignition Temp Text:692F
Lower Limits:3.4
Upper Limits:19.0
Extinguishing Media:POWDER,FOAM,H*2O,HALONS,CO*2
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS;KEEP
CONTS COOL-WATER
Unusual Fire/Explosion Hazard:FLASHFBACK ALONG VAPOR TRAIL MAY
OCCUR.VAPOR MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.EXPL IN SEWE

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Accidental Release Measures
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Spill Release Procedures:STOP LEAK IF POSSIBLE.ELIMINATE IGNITION
SOURCES.EVACUATE UNPROTE
CTED PEOPLE.DO NOT TOUCH SPILLED
MATERIAL.H*2O SPRAY TO COOL CONT/DIVERT SPILL FROM FIRE/HEAT & TO
KNOCK DOWN VAPORS.COLLECT LEAKING LI Q.IN CLOSED CONTAINERS & WASH
AWAY BALANCE W/H*2O.

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Handling and Storage
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Handling and Storage Precautions:PROTECT CONTAINERS FROM PHYSICAL
DAMAGE.DO NOT USE COMPRESSED AIR FOR FILLING,DISCHARGING OR
HANDLING.STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE AREA.
Other Precautions:AVOID ANY PHYSICAL CO
NTACT.KEEP CONTAINERS TIGHTLY
CLOSED.REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE.ELIMINATE
STATIC ELECTRICITY SOURCES.SEPARATE FROM
PERCHLORATES,PEROXIDES,ACIDS.

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Exposure Controls/Personal Protection
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Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS.
Ventilation:LOCAL EXHAUST
Protective Gloves:RUBBER
Eye Protection:SAFETY GOGGLES.
Other Protective Equipment:PROTECTIVE CLOTHING TO MINIMIZE
CONTACT,EYEWASH,SFTY SHOWER.
Supplemental Safet

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

HCC:F2

Boiling Pt:=77.8C, 172.F

Vapor Pres:43

Vapor Density:1.6

Spec Gravity:0.790

Evaporation Rate & Reference:3.3 (BU AC)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID, COLORLESS. ALCOHOL ODOR

Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,PERCHLORATES,PEROXIDES,CHROMIC & NITRI
C ACD

Stability Condition to Avoid:SPARKS & OPEN FLAME

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:SPRAY & INCINERATE UNDER CONTROLLED
CONDITIONS.SUBJECT LOW-CONCENTRATION SOLUTIONS TO ACTIVATED SLUDGE
TREATMENT IN PUBLIC SEWAGE PLANT IAW FEDERAL,STATE & LOCAL
REGS.KEEP IN COVERED DRUMS,PENDING DIS POSAL.ELIMINATE IGNITION
SOURCES.

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