

AAPER ALCOHOL AND CHEMICAL CO. -- PURE 190 PROOF ETHYL ALCOHOL -- 6810-00-264-6507
===== Product Identification =====

Product ID:PURE 190 PROOF ETHYL ALCOHOL
MSDS Date:01/01/1987
FSC:6810
NIIN:00-264-6507
MSDS Number: BDQLQ
=== Responsible Party ===
Company Name:AAPER ALCOHOL AND CHEMICAL CO.
Address:11 ISAAC SHELBY DRIVE
Box:339
City:SHELBYVILLE
State:KY
ZIP:40065-8814
Country:US
Info Phone Num:
502-633-0650
Emergency Phone Num:502-633-0650
CAGE:61305
=== Contractor Identification ===
Company Name:AAPER ALCOHOL AND CHEMICAL CO
Address:1101 ISAAC SHELBY DR
Box:339
City:SHELBYVILLE
State:KY
ZIP:40066-0339
Country:US
Phone:502-633-0650
CAGE:61305

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 92.5%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC01

10000

Fraction by Wt: 7.5%

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HEALTH HAZARD TO CENTRAL NERVOUS
SYSTEM.

Effects of Overexposure:EYES:IRRITATION. SKIN:IRRITATION,DEFATTING.
INHALATION:HEADACHE,DROWSINESS,LASSITUDE,LOSS OF APPETITE,INABILITY
TO CONCENTRATE,THROAT IRRITATION. INGESTION:DEPR

Medical Cond Aggravat
ed by Exposure:NONE NOTED.

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===== First Aid Measures =====
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First Aid:EYES/SKIN:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.REMOVE
CONTAMINATED CLOTHING.SEE DOCTOR. INHALATION:REMOVE TO FRESH
AIR.GIVE CPR/OXYGEN IF NEEDED,SEE DOCTOR. INGESTION:DRINK WATER OR
MILK IF CONSCI CIOUS.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:=15.6C, 60.F

Lower Limits:3.3

Upper Limits:19.0

Extinguishing Medi

a:WATER,ALCOHOLFOAM,CO*2,OR DRY CHEMICAL

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:SMOKE,FUMES AND HAZARDOUS DECOMPOSITION
PRODUCTS.

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===== Accidental Release Measures =====
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Spill Release Procedures:ELIMINATE IGNITION SOURCES.VENTILATE.ABSORB IN
INERT MATERIAL AND PLACE IN APPROPRI

ATE DISPOSAL CONTAINER,AND
COVER.

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Handling and Storage
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Handling and Storage Precautions:STORE AWAY FROM OXIDIZING AGENTS;KEEP
AWAY FROM IGNITION SOURCES;USE GOOD VENTILATION
Other Precautions:AVOID EYES AND SKIN CONTACT.

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Exposure Controls/Personal Protection
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Respiratory Protection:NO SPECIAL REQMNTS UNDER ORDINARY
CONDITIONS/ADEQUATE VENT.
Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE

VENTILATION

Protective Gloves:RUBBER.
Eye Protection:SAFETY/CHEM GOGGLES
Other Protective Equipment:SAFETY SHOWER & EYE BATH
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER
CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NONE.

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Physical/Chemical Properties
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HCC:F2
Boiling Pt:=78.3C, 173.F
Melt/Freeze Pt:=-113.9C, -173.F
Vapor Pres:44.6
Vapor Density:1.59
Spec Gravity:0.8158
Evaporation Rate & Reference:5.9 (BUTYL A
CETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:WATER WHITE,MILD ALCOHOLIC ODOR
Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
OXIDIZERS SUCH AS ACETYL CHLORIDE,NITRIC ACID AND HYDROGEN PEROXIDE.
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:CO*2 OR CO

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Disposal Considerations
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Waste Dis

posal Methods:KEEP IN COVERED CONTAINERS PENDING
DISPOSAL.DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE
AND LOCAL ENVIRONMENTAL REGULATIONS.

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