

AAPER ALCOHOL AND CHEMICAL CO. -- ISOPROPANOL 99% -- 6810-01-220-9907

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Product Identification
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Product ID:ISOPROPANOL 99%

MSDS Date:01/01/1991

FSC:6810

NIIN:01-220-9907

MSDS Number: BGSRH

=== Responsible Party ===

Company Name:AAPER ALCOHOL AND CHEMICAL CO.

Address:11 ISAAC SHELBY DRIVE

Box:339

City:SHELBYVILLE

State:KY

ZIP:40065

Country:US

Info Phone Num:502-633-0650

Emergency Phone Nu

m:800-854-6813 /POISON CONTROL CTR/

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

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

Box:City:GRETNA

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tate:LA
ZIP:70053
Country:US
Phone:504-362-3232, OR 800-535-4095
CAGE:27978
Company Name:POLYSCIENCES INC
Address:400 VALLEY RD
Box:City:WARRINGTON
State:PA
ZIP:18976
Country:US
Phone:215-343-6484
CAGE:32939

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 99%+
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9394

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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:SEE SIGNS AND SYMPTOMS.
Effects of Overexposure:INHALATION- HEADACHE, NASAL AND RESPIRATORY
IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, POSSIBLE
UNCONSCIOUSNESS, AND EVEN ASPHYXIATION. INGESTION- CAN CAUSE
NAUSEA, VOMITING, DIARRHEA, AND GAST ROINTESTINAL IRRITATION. EYES-
LIQUID ORVAPOR MAY CAUSE IRRITATION,
BLURRED VISION, AND REDNESS.
SKIN- DERMATITIS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:INGESTION- IF CONSCIOUS, GIVE WATER. CALL A PHYSICIAN OR
CHEMTREC (POISON CONTROL) IMMEDIATELY. INDUCE VOMITING ONLY IF
ADVISED BY PHYSICIAN OR CHEMTREC (POISON CONTROL). INHALATION-
IMMEDIATELY MOVE V ICTIM TO FRESH AIR. IF VICTIM HAS STOPPED
BREATHING, GIVE ARTIFICIAL RESPIRATION.

GET MEDICAL ATTENTION. EYES
OR SKIN- IMMEDIATELY FLUSH AFFECTED AREA WITH PLENTY OF COOL WATER.
GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:53.0F,11.7C
Autoignition Temp:Autoignition Temp Text:685F
Lower Limits:2.5
Upper Limits:12.0
Extinguishing Media:DRY CHEMICAL, "ALCOHOL" FOAM OR CARBON DIOXIDE.
WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS
COOL.
IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO
DISPERSE THE VAPORS AND TO PROTECT PERSONNEL.
Unusual Fire/Explosion Hazard:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACE
PIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE.

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

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND
PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO
SECURE
CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA.
DETERMINE IF THE RELEASE IS RE PORTABLE.

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

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHYSICAL
DAMAGE. DETACHED OR OUTSIDE STORAGE IS PREFERRED. INSIDE STORAGE
SHOULD BE IN NFPA-APPROVED FLAMMABLE LIQUID AREA.
Other Precautions:AVOID UNCONTROLLED RELEASES OF THIS MATERIAL.

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

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATORY PROTECTION
EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND
CONCENTRATION OF CONTAMINANT IN AIR AND IN ACCORDANCE WITH OSHA.
Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Heal

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SMOKING SHOULD BE PROHIBITED IN STORAGE AREAS. AUTOMATIC SPRINKLER SYSTEM SHOULD BE PROVIDED IN THE STORAGE AREA. KEEP CLOSURE ON CONTAINER TO PREVENT LEAKAGE.

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

HCC:F2

Boiling Pt:=82.C, 179.6F

Melt/Freeze Pt:=-114.C, -173.2F

Vapor Pres:33 MM HG

Vapor Density:2.0

Spec Gravity:0.784

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR AND COLORLESS.

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

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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES.

Hazardous Decomposition Products:SMOKE, FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

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

Waste Disposal Methods:ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED AND DISPOSED OF, OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES.

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