

AAPER ALCOHOL AND CHEMICAL CO. -- ISOPROPANOL 70% -- 6505-00-299-8095

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

Product ID:ISOPROPANOL 70%

MSDS Date:01/01/1991

FSC:6505

NIIN:00-299-8095

MSDS Number: BSQZZ

=== 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

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III) **SEE SUPP DATA**

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL

;9394

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 30%
Other REC Limits:NONE RECOMMENDED

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

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.

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

First Aid:INGESTION- IF CONSCIOUS, GIVE WATER. CALL A PHYSICIAN OR
CHEMTREC (POISON CONTROL) IMMEDIATELY. INDUCE VOMITING ONLY IF
ADVISED BY PHY
SICIAN OR CHEMTREC (POISON CONTOL). 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:75.0F,23.9C
Autoignition Temp:Autoignition Temp Text:685F
Lower Limits:2.5
Upper Limits:12.0
Extinguishing Med

ia: 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 NFP

A- 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 Health

SMOKING SHOULD BE PROHIBITED IN STORAGE AREAS. AUTOMATIC SPRINKLER SYSTEM SHOULD BE PROVIDED IN THE STORAGE AREA. KEEP CLOSURE ON CONTAINER TO PREVENT LEAKAGE. **KEVIN DUBINSKI WROTE IN NOV96 INDICATING THAT THIS MSDS IS INCORRECT FOR THE NSN. (% SHOULD BE >99%) SINCE THE MSDS WAS APPARENTLY ENTERED (COND ADD DARA)

=====

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

HCC:F3

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-50F,-46C

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 =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES.

Hazardous Decomposition Products:SMOK

E, 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.

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 implied, 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.