

ASHLAND CHEMICAL COMPANY -- ISOPROPYNOL 99% -- 8040-01-107-3981

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Product Identification
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Product ID:ISOPROPYNOL 99%
MSDS Date:01/05/1997
FSC:8040
NIIN:01-107-3981
Kit Part:Y
MSDS Number: CFXBH
=== Responsible Party ===
Company Name:ASHLAND CHEMICAL COMPANY
Box:2219
City:COLUMBUS
State:OH
ZIP:43216-2219
Country:US
Info Phone Num:800-325-3751
Emergency Phone Num:800-274-5263
CAGE:34897

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= Contractor Identification ===
Company Name:ASHLAND CHEMICAL CO
Box:2219
City:COLUMBUS
State:OH
ZIP:43216-2219
Country:US
Phone:614-790-3333/800-274-5263
CAGE:34897

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYNOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 100.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM/STEL 500
ACGIH TLV:400 PPM/STEL 500

Ingred Name:VOC = 6.580 LBS/GL
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED
OSHA

PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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===== 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:EYE:

IRRITAT/STINGING/TEARING/REDNESS/SWELLING. SKIN:
IRRITAT/DRYING/REDNESS/BURNING/CRACKING/SKIN BURNS. INGEST: MAY BE
HARMFUL. INHAL: MAY BE HARMFUL. CHRONIC: GI IRRITATION
(NAUSEA/VOMIT/DIARRHEA). IRRITATION, CNS DEPRESSION
(DIZZY/DROWSY/WEAKNESS/FATIGUE/NAUSEA/HEADACHE/UNCONSCIOUS). *

Effects of Overexposure:* LOW BLOOD PRESSURE. MILD LIVER EFFECTS/HEART
RATE & RESPIRATORY EFFECTS/LOSS OF COORDINATION/CONFUSION/PULMONARY
EDEM/KIDNEY DAMAGE/COMA. MAY BE HARMFUL TO HUMAN FETUS.

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

First Aid:EYE: FLUSH W/WATER FOR 15 MIN, LIFT LIDS. GET MED AID. SKIN:
REMOVE CONTAM CLOTHES, WASH W/SOAP & WATER. GET MED AID. WASH
CLOTHES BEFORE REU
SE. INGEST: IF UNCONSCIOUS, PLACE PERSON ON LEFT
SIDE W/HEA D DOWN. IF CONSCIOUS, INDUCE VOMIT W/SYRUP OF IPECAC OR
STICK FINGER DOWN THROAT. GET MED AID. INHAL: GET FRESH AIR, GET
MED AID. KEEP WARM/QUIET. GIVE OXYGEN/ARTIFICIAL RESPIRATION IF
NEEDED.

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

Flash Point:53.0F,11.7C
Autoignition Temp:Autoignition Temp Text:750.0F
Lower Limits:2.0
Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire F
ighting Procedures:USE WATER TO KEEP CONTAINERS COOL. USE SCBA
W/FULL FACE PIECE IN POSITIVE PRESSURE DEMAND MODE W/TURNOUT GEAR
AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIP.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR, TRAVEL TO
IGNITION SOURCES AND FLASHBACK. PRODUCT MAY IGNITE EXPLOSIVELY.

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

Spill Release Procedures:SMALL SPILL: ABSORB W/INERT ABSORBENT. LARGE
SPILL: REMOVE IGNITS. STOP SPILL

. PREVENT ENTERING BODIES OF WATER.
PUMP/TRANSFER/VACUUM TO CONTAINERS FOR RECOVERY. ABSORB
UNRECOVERABLE PRODUCT. TRANSFER CONTAM MATL TO CONTAINERS FOR
DISPOSAL. DIKE. **

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

Handling and Storage Precautions: CNTNRS ARE HAZARDOUS WHEN EMPTY.
OBSERVE ALL HAZARD DATA. GROUND/BOND 5 GL OR LARGER CNTNRS WHEN
TRANSFERRING. SUDDEN RELEASE OF HOT ORGANIC ***

Other Precautions: ** SHOVEL MATERIAL INTO CONTAINERS. CLOSE
CONTAINER
TIGHTLY & DISPOSE OF PROPERLY. *** CHEMICAL VAPORS/MIST FROM
PROCESS EQPT AT HIGH TEMPS MAY RESULT IN IGNITION W/OUT OBVIOUS
IGNIT SOURCES.

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

Respiratory Protection: USE AIR SUPPLIED RESPIRATOR. IF ANY COMPONENT IS
EXCEEDED. OTHER NEGATIVE PRESSURE TYPE RESPIRATOR.

Ventilation: MECHANICAL (GENERAL/LOCAL EXHAUST).

Protective Gloves: RECOMMENDED.

Eye Protection: CHEMICAL SPLASH GOGGLES/SAFETY GLASSES.

Other P

Protective Equipment: IMPERVIOUS CLOTHING & BOOTS.

Supplemental Safety and Health

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

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

Melt/Freeze Pt: M.P/F.P Text: -128F, -89C

Vapor Pres: 33.0

Vapor Density: 2.070

Spec Gravity: .789 @ 60F

Viscosity: 2.4 CPS

Evaporation Rate & Reference: 7.70

Solubility in Water: 100%

Appearance and Odor: TRANSPARENT LIQUID, SLIGHT ETHYL ACETONE-LIKE ODOR.

Percent Volatiles by Volume: 100

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===== Stability and

d Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

ACETALDEHYDE, ACID, CHLORINE, ETHYLENE, OXIDES, ISOCYANATE, STRONG OXIDIZING AGENTS. DONT USE W/ALUMINUM EQUIP >120F.

Hazardous Decomposition Products: MAY FORM CARBON DIOXIDE & CARBON MONOXIDE.

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

Waste Disposal Methods: IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

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