

ASHLAND CHEMICAL CO. -- ISOPROPYL ALCOHOL OR ISOPROPANOL 99% -- 6810-00-586-6647

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Product Identification
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Product ID:ISOPROPYL ALCOHOL OR ISOPROPANOL 99%

MSDS Date:04/01/1987

FSC:6810

NIIN:00-586-6647

MSDS Number: BJMZC

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO.

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:606-324-

1133

CAGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050

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Fraction by Wt: >95.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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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:ACUTE: OVEREXPOSURE MAY LEAD TO CNS DEPRESSION, LEADING TO HEADACHES AND DIZZINESS. EYE: MAY LEAD TO IRRITATION AND WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY

SKIN: NO HEALTH HAZARD FROM ABSORPTION OR EXPOSURE. INGESTION: SLIGHT HEALTHHAZARD. CHRONIC: PROLONGED EXPOSURE CAN BE IRRITATING TO MUCOUS MEMBRANES.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO DIZZINESS, SHORTNESS OF BREATH, HEADACHES, DERMATITIS AND EYE IRRITATION. HIGH VAPOR CONCENTRATIONS ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

Medical Cond Aggravated by Exposure:PERSONS WITH SKIN, HEART, RESPIRATORY, OR ANY OTHER MEDICAL CONDITION SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION AS REQUIRED. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. GET PROMPT MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 20 MINUTES WITH EYELIDS HELD OPEN. GET PROMPT MEDICAL ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:2.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING

G CHEMICAL FIRE. USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:FIRE HAZARD: ELIMINATE ALL SOURCES OF
IGNITION. EVACUATE AREA. VENTILATE AREA. STOP RELEASE. DIKE TO
CONTAIN SPILL. WEAR PROPER SAFETY EQUIPMENT. IF AMOUNT IS LARGE,
REMOVE LIQUID BY VACUUM. IF SMALL,

ABSORB ON INERT MATERIAL.

DISPERSE RESIDUE.

Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS
AWAY FROM HEAT, SPARKS, OPEN FLAME & STRONG OXIDIZING AGENTS. EMPTY
CONTAINERS MAY CONTAIN FLAMMABLE VAPOR.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL,
GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC
ELECTRICITY, OR OTHER

SOURCES OF IGNITION. MATERIAL MAY ATTACK SOME
FORMS OF PLASTIC, ALUMINUM, RUBBER AND COATINGS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING OR
SUPPLIED AIR RESPIRATOR AS APPROPRIATE.

Ventilation:MECHANICAL(GENERAL) EXHAUST RECOMMENDED. NO SPECIAL
VENTILATION IS USUALLY REQUIRED TO MEET EXPOSURE STANDARDS.

Protective Gloves:NOT NORMALLY CONSIDERED A SKIN HAZARD.

Eye Protection:CHEMICAL SPLASH GOGGLES &/OR FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR
USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:F2

Boiling Pt:B.P. Text:189F,87C

Vapor Pres:33

Vapor Density:2.0

Spec Gravity:0.789

Evapor

ation Rate & Reference:7.7(ETHYL ETHER=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:INCOMPLETE COMBUSTION MY YIELD CARBON
MONOXIDE AND OTHER TOXIC GASES

===== Disposal Considerati

ons =====

Waste Disposal Methods:LAND FILL SOLIDS AT PERMITTED SITES. BURN
CONCENTRATED LIQUIDS IN SYSTEMS COMPATIBLE WITH WATER SOLUBLE
WASTES. AVOID FLAMEOUTS. ASSURE EMISSIONS COMPLY WITH APPLICABLE
REGULATIONS. DILUTE AQUEOUS WAS TE MAY BIODEGRADE. AVOID POISONING
PLANTBIOMASS.

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