

HOC INDUSTRIES, INC -- ISOPROPYL ALCOHOL -- 6810-00-983-8551

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Product Identification
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Product ID:ISOPROPYL ALCOHOL

MSDS Date:08/09/2001

FSC:6810

NIIN:00-983-8551

Status Code:A

MSDS Number: CLNQH

=== Responsible Party ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Info Phone Num:316-838-4663

Emergency Phone Num:1-800-633-8253
(PERS)

Preparer's Name:NOT PROVIDED

CAGE:0A9L8

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

Contract Num:SP0450-01-M-ZH65

CAGE:0A9L8

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

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City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

Contract Num:SP0450-02-M-M150

CAGE:0A9L8

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Composition/Information on Ingredients
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Ingred Name:ISO

PROPYL ALCOHOL
CAS:67-63-0
RTECS #:NT8050000
= Wt:100.

Other REC Limits:NOT PROVIDED
OSHA PEL:980 MG/M3;400 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

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

LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EFFECTS OF OVEREXPOSURE: ACUTE: EYES:
BELIEVED TO CAUSE EYE IRRITATION. SKIN: NOT PROVIDED. INGESTION:
IRRITATES UPPER DIGESTIVE TRACT
. MAY CAUSE HEADACHE, DIZZINESS,
FATIGUE, AND CENTRAL NERVOUS SYST EM DEPRESSION. RESPIRATORY
SYSTEM: OVEREXPOSURE TO MIST OR VAPORS MAY CAUSE EYE AND
RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
INCOORDINATION, DROWSINESS. MASSIVE OVEREXPOSURE MAY CAUS E
UNCONSCIOUSNESS. CHRONIC: REPEATED SKIN CONTACT MAY CAUSE A
PERSISTENT IRRITATION OR DERMATITIS.
Explanation of Carcinogenicity:THIS PRODUCT IS NOT CURRENTLY LISTED AS
A CARCINOGEN BY NTP, OSHA, OR IARC

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Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,
UNCONSCIOUSNESS, COMA.
Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL
ATTENTION. SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION. INGESTION: CALL A
DOCTOR IMMEDIATELY. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY
MOUTH TO
AN UNCONSCIOUS/ CONVULSING PERSON. GUARD AGAINST
ASPIRATION INTO LUNGS BY HAVING PERSON TURN ONTO LEFT SIDE. IF
VOMITING OCCURS SPONTANEOUSLY , KEEP HEAD BELOW HIPS TO PREVENT
ASPIRATION OF LIQUID INTO LUNGS. INHALATION: MOVE PERSON TO FRESH
AIR. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION.
IF BREATHING IS DIFFICULT, QUALIF IED PERSONNEL MAY ADMINISTER
OXYGEN.

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

Flash Point Method:TCC
FI

ash Point:=13.9C, 57.F

Autoignition Temp:=398.9C, 750.F

Lower Limits:2.0

Upper Limits:12

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

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE ON THE FLAMES, BUT WATER SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROVIDE PROTECTION FOR THE PERSONS ATTEMPTING TO STOP THE LEAK.

Unusual Fire/Explosion Hazard:FLAMMABLE! KEEP

CONTAINERS TIGHTLY

CLOSED. EXPLOSIVE AIR-VAPOR MIXTURES MAY OCCUR. VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCES TO SOURCES OF IGNITION AND THEN FLASH BACK.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA. USE SUPPLIED-AIR MASK FOR LARGE SPILLS OR IN CONFINED AREAS. CONTAIN SPILL. REMOVE WITH INERT ABSORBENT. PREVENT PRODUCT FROM ENTERING STREAMS/ SEWERS. NO WASH

THE CLASSIFICATION OF PRODUCT HAS BEEN

ESTABLISHED. RECYCLE OR INCINERATE ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS. TRANSPORTATION SPILLS CALL PERS AT 1-800-633-8253.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:DANGER! FLAMMABLE! CAUSES IRRITATION TO THE EYES. MAY CAUSE IRRITATION TO SKIN. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES

AND PROLONGED CONTACT WITH SKIN. USE ONLY IN WELL-VENTILATED AREAS.

Other Precautions:AVOID PROLONGED BREATHING OF VAPOR OF MIST. KEEP HEAD AWAY FROM CONTAINER WHEN OPENING OR DISPENSING. WASH THOROUGHLY AFTER HANDLING. DO NOT MIX WITH OXIDIZERS, NITRIC ACID AND HYDROGEN PEROXIDE.

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

Respiratory Protection:IF VAPOR, MIST OR DUST IS GENERATED IN EXCESS OF PERMISSIBLE CONCENTRATIONS. USE RESPIRATOR APPROVED BY

Y MSHA OR
NIOSH.

Ventilation:LOCAL EXHAUST VENTILATION RECOMMENDED.

Protective Gloves:GLOVES RESISTANT TO CHEMICALS AND PETROLEUM
DISTILLATES REQUIRED.

Eye Protection:CHEMICAL TYPE GOGGLES SHOULD BE WORN. DO NOT WEAR
CONTACT LENSES.

Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS UNIFORMS,
COVERALL OR LAB COATS SHOULD BE WORN. LAUNDRY OR DRY-CLEAN WHEN
SOILED. BOOTS RESISTANT TO CHEMICALS AND PETROLEUM DISTILLATES
REQUIRED.

Work Hygienic Practices:LAUNDRY OR DRY-CL
EAN PROTECTIVE CLOTHING WHEN
SOILED.

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =
UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT
DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=82.2C, 180.F

B.P. Text:180F TO 181F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVI
DED

Vapor Pres:33.0 MM HG @ 68F

Vapor Density:2.1(AIR=1)

Spec Gravity:0.79 @ 60F (15.6C)

Viscosity:NO INFORMATION FOUND

Evaporation Rate & Reference:1.44 (BU-ACETATE=1)

Solubility in Water:INFINITE

Appearance and Odor:COLORLESS, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ACIDS.

Stability Condition to Avoid:HEAT

Hazardo

us Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE MAY BE FORMED ON BURNING.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

Ecological:NOT PROVIDED

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

Waste Disposal Methods:INCINERATE OR PLACE IN RCRA PERMITTED WASTE MANAGEMENT FACILITY.

===== MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: ISOPROPANOL, UN1219, PG I I. THIS ISOPROPYL ALCOHOL CANNOT BE SENT THROUGH THE U.S. MAIL.; CLAS 3, FLAMMABLE LIQUID. LABELS NEEDED: FLAMMABLE LIQUID. DOT SPECIFICATION CONTA INER: IP3; DOT EXEMPTION NUMBER: NOT APPLICABLE. LIMITED QUANTITY: NOT APPLICABLE.

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED
Federal Regulatory Information:THIS PRODUCT IS LISTED ON THE EPA / TSCA INVENTORY OF CHEMICAL SUBSTANCES.
State Regulatory Information:NOT PROVIDED

===== Other Information =====

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