

HOME OIL CO -- ISOPROPYL ALCOHOL -- 6810-00-983-8551

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

Product ID:ISOPROPYL ALCOHOL
MSDS Date:04/18/2001
FSC:6810
NIIN:00-983-8551
Status Code:A
MSDS Number: CLFWY
=== Responsible Party ===
Company Name:HOME OIL CO
Address:3511 N OHIO
Box:2609
City:WICHITA
State:KS
ZIP:67201-2609
Country:US
Info Phone Num:316-838-4663
Emergency Phone Num:1-800-633-8253 (PERS)
Prep
Preparer's Name:DON POSCHEN
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-ZD29
CAGE:0A9L8

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

Ingredient Name:ISOPROPYL ALCOHOL
CAS:67-63-0
RTECS #:NT8050000
= Wt:100.
OSHA PEL:980 MG/M3;400 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

=====
Hazards Identif

ication =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: BELIEVED TO CAUSE EYE IRRITATION.
SKIN: IRRITATES UPPER DIGESTIVE TRACT. MAY CAUSE HEADACHE,
DIZZINESS, FATIGUE, AND CENTRAL NERVOUS SYSTEM DEPRESSION.
RESPIRATORY SYSTEM: OVEREXPOSURE TO MIST OR VAPORS MAY CAUSE EYE
AND RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
INCOORDINATION, DROWSINESS. MASSIVE OVEREXPOSURE MAY CAUSE
UNCONSCIOUSNESS, COMA. 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.
Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,
UNCONSCIOUSNESS, COMA.

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

First Aid:EYES: FLUSH THOROUGHLY W/WATER FOR AT LEAST 15 MINS. SKIN:
WASH EXPOSED AREA W/ SOAP & WATER. REMOVE & CLEAN CONTAMINATED
CLOTHING. INGESTION: CALL A DOCTOR IMMEDIATELY. DO NOT INDUCE
VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS/
CONVULSING PERSON. (SEE OTHER INFORMATION.) INHALATION: REMOVE
PERSON TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, ADMINISTER
OXYGEN. SEEK MEDICAL ATT'N FOR ALL ROUTES AS NEEDED.

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

Flash Point Method:TCC
Flash Point:=12.2C, 54.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 ALL IGNITION SOURCES. VENTILATE AREA. AVOID BREATHING VAPOR. USE SUPPLIED-AIR MASK FOR LARGE SPILLS OR IN CONFINED AREA. CONTAIN SPILL. REMOVE W/ INERT ABSORBENT.

AVOID CONTACT W/ EYES. AVOID ALLOWING PRODUCT FROM ENTERING STREAMS/ SEWERS. NO WASTE CLASSIFICATION OF PRODUCT HAS BEEN ESTABLISHED. RECYCLE OR INCINERATE ACCORDING TO LOCAL, STATE, & FEDERAL REGULATIONS.

===== 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 OR APPROVED BY 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.

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

Work Hygienic Practices:LAUNDER OR DRY-CLEAN WHEN SOILED.

Supplemental Safety and Health

NOTE TO P

PHYSICIAN: IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS, OR LOSS OF CONSCIOUSNESS OCCUR BEFORE VOMITING, GASTRIC LAVAGE W/ A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED. METABOLISM OF ISOPROPANOL FORMS ACETONE, WHICH MAY BE DETECTED IN THE URINE & EXPIRED AIR. (SEE OTHER INFORMATION.)

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

HCC:F2

Boiling Pt:=82.2C, 180.F

B.P. Text:82-83C

Vapor Pres:33.0 @68F

Vapor Density:2.1

Spec Gravity:0.79 @60F (15.6C)

pH:NO DATA FOUND

Viscosity:NO INFORMATION FOUND

Evaporation Rate & Reference:1.44

Solubility in Water:INFINITE

Appearance and Odor:COLORLESS, CHARACTERISTIC

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, STRONG ACIDS.

Stability Condition to Avoid:HEAT

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

Conditions to Avoid Polymeriz

ation:DOES NOT OCCUR.

===== 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 II. THIS ISOPROPYL ALCOHOL CANNOT BE SENT THROUGH THE U.S. MAIL.

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

=====

=====

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.