View NSN Online: https://aerobasegroup.com/nsn/6810-01-382-2904

SHELL OIL COMPANY PRODUCT SAFETY AND COMPLIANCE -- ISOPROPYL ALCOHOL

6810-01-382-2904

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

Product ID:ISOPROPYL ALCOHOL

MSDS Date:06/15/1993

FSC:6810

NIIN:01-382-2904

MSDS Number: CGMLY === Responsible Party ===

Company Name: SHELL OIL COMPANY PRODUCT SAFETY AND COMPLIANCE

Box:4320

City:HOUSTON

State:TX ZIP:77210 Country:US

Info Phone Num:713-241-4819

Emergency Pho

ne Num:713-473-9461/800-424-9300(CHEMTREC)

Preparer's Name: J. C. WILLETT

CAGE:SHELL

=== 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

CAGE:0A9L8

Company Name: SHELL OIL COMPANY PRODUCT SAFETY AND COMPLIANCE

Address:P.O. BOX 4320

Box:4320

City:HOUSTON

State:TX ZIP:77210

Phone:713-241-2252 /713-241-4819

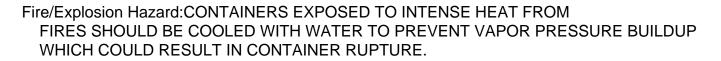
CAGE:SHELL

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

Ingred

Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 100% Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596
ACCIT TEV. 400 TT W/3000 TEE, 3030
======================================
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MILD IRRITATION TO EYES, NOSE, THROAT.
DROWSINESS, HEADACHE, DRY CRACKING SKIN, G/I CRAMPS, NAUSEA &
DIARRHEA.
Ex
olanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:MILD IRRITATION TO EYES, NOSE, THROAT. DROWSINESS, HEADACHE, DRY CRACKING SKIN, G/I CRAMPS, NAUSEA &
DIARRHEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN, AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS
PRODUCT. IMPAIRED FUNCTION FROM PRE-EXISTING DISORDERS MAY BE
AG
GRAVATED BY EXPOSURE TO THIS PRODUCT.
======================================
First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL
ATTENTION. SKIN:FLUSH AREA WITH LARGE AMOUNTS OF WATER. IF
IRRITATION OCCURS GET MEDICAL ATTENTION, INHALATION:MOVE TO FRESH
AIR. GIVE OXYGEN OR CPR AS REQUIRED. GET MEDICAL ATENTION.
INGESTION:GIVE 2 GLASSES WATER. INDUCE VOMITING BY GIVING 2
TABLESPOONS SYRUP OF IPECAC OR TOUCH FINGER TO BACK OF THROAT. G
ET
MEDICAL ATTENTION.
======================================
Flash Point Method:TCC
Flash Point:53.0F,11.7C
Autoignition Temp:Autoignition Temp Text:750F
Lower Limits:2
Upper Limits:12
Extinguishing Media:WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL, CARBON
Extinguishing Media:WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Extinguishing Media:WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL, CARBON DIOXIDE. Fire Fighting Procedures:CLEAR AREA OF UNPROTECTED PERSONNEL. DO NOT
Extinguishing Media:WATER FOG, "ALCOHOL" FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Unusual



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

Spill Release Procedures:WARNING! FLAMMABLE! ELIMINATE ALL IGNITION SOURCES. KEEP OUT OF SURFACE WATERS, SEWERS & WATERWAYS ENTERING OR LEADING TO SURFACE WATERS. NOTIFY AUTHORITIES IF ANY EXPOSURE TO THE GENERAL PUBLIC OR EN VIRONMENT OCC

URS OR IS LIKELY TO OCCUR.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

- Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, AND FLAME. DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120F.
- Other Precautions:VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE, FLASH FIRE CAN RESULT. KEEP CONTAINERS CLOSED. GROUND FIXED
- EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMEN T.

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

- Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. USE EITHER AN ATMOSPHERE-SUPPLING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR OR GANIC VAPORS I/A/W 29CFR1910.134.
- Ventilation: USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.
- Protective Gloves: CHEMICAL RESISTANT GLOVES.
- Eye Protection: CHEMICAL GOGGLES IF CONTACT LIKELY.
- Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT. PROVIDE EYE WASH STATION AND SAFETY SHOWER FOR EMERGENCY USE.
- Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
- Supplemental Safety and Health
- CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT C

UT, DRILL, GRIND, WELD OR PERFORM SIMILAR
OPERATIONS ON OR NEAR CONTAINERS. DO NOT PRESSURIZE DRUM CONTAINERS
TO EM PTY THEM. STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE
HAZARD. AIR-DRY CONTAMINATED CLOTHING BEFORE LAUNDERING.

======= Physical/Che	mical Properties	
----------------------	------------------	--

HCC:F2

NRC/State Lic Num:NONE Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-127F,-88C Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:32 MM Vapor Density:2.1 Spec Gravity:0

DENTIFIED

.79

Evaporation Rate & Properties (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor: COLORLESS, MOBILE LIQUID. MILD ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, FLAME. DO NOT STORE OR HANDLE IN ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120F Hazardous Decomposition Products:CARBON MONOXIDE AND UNI

ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION. Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods:UNDER EPA-RCRA, IF THIS PRODUCT BECOMES A WASTE MATERIAL, IT WOULD BE IGNITABLE HAZARDOUS WASTE NO. D001. REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

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.