

PHARMCO PRODUCTS INC -- ISOPROPYL ALCOHOL -- 6810-00-286-5435

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

Product ID:ISOPROPYL ALCOHOL

MSDS Date:06/01/1995

FSC:6810

NIIN:00-286-5435

MSDS Number: BXXJV

=== Responsible Party ===

Company Name:PHARMCO PRODUCTS INC

Address:395 HOOK RD

City:BAYONNE

State:NJ

ZIP:07002

Country:US

Info Phone Num:800-243-5360

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:69796

==

= Contractor Identification ===

Company Name:PHARMCO PRODUCTS INC

Address:395 HOOK RD

Box:City:BAYONNE

State:NJ

ZIP:07002

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:69796

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

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 99-100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9495

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

LD50 LC5

0 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SWALLOWING-GASTROINTESTINAL

IRRITATION. INHALATION-IRRITATION OF THE RESPIRATORY TRACT. EYE-MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:SWALLOWING-HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, UNCONSCIOUSNESS. INHALATION-CHEST PAIN AND COUGHING.

EYE-STINGING AND EXCESSIVE REDNESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED.

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

First Aid:OBTAIN MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE. MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IN CASE OF SKIN CONTACT, FLUSH SKIN WITH SOAP AND WATER FOR 15 MINUTES.

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

Flash Point Method:TCC

Flash Point:51.8F,11.0C

Autoignition Temp:Autoignition Temp Text:398C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR ALCOHOL RESISTANT FOAM.

Fire Fighting Procedures:CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE. MOVE CONTAINERS AWAY FROM FIRE AREA IF POSSIBLE. COOL SIDES OF CONTAINER THAT HAVE BEEN EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FLAMMABLE MATERIAL; MAY BE IGNITED BY

HEAT, SPARKS OR FLAMES, VAPORS MAY TRAVEL TO A SOURCE OF IGNITION & FLASH BACK. RUNOFF TO SEWER MAY CREATE FIRE/EXPLOSION.

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

Spill Release Procedures:SMALL SPILLS CAN BE FLUSHED WITH LARGE AMOUNTS OF WATER. LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL. EXTINGUISH AND DO NOT TURN ON ANY IGNITION SOURCES UNTIL THE AREA IS DETERMINED TO BE FREE FROM FIRE OR EXPLOSION HAZARD.

Neutralizing Agent:NONE

===

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAMES. AVOID CONTACT WITH EYES. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING ISOPROPANOL. TREAT EMPTY CONTAINERS AS HAZARDOUS.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS.

Ventilation:SPECIAL, LOCAL VENTILATION IS NEEDED WHERE VAPOR ESCAPE TO THE WORKPLACE AIR.

Protective Gloves:GLOVES NEEDED.

Eye Protection:SAFETY GLASSES NEEDED.

Other Protective Equipment:EYE WASH, SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SUDDEN RELEASE OF HOT ORGANIC CHEMICAL VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATED AT ELEVATED TEMPERATURES MAY RESULT IN IGNITIONS WITHOUT THE PRESENCE OF OBVIOUS IGNITION SOURCES.

=

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

HCC:F3

Boiling Pt:B.P. Text:190F,88C

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.79

Evaporation Rate & Reference:2.5 (N-BUTYL ACETATE=1)

Solubility in Water:100%

Appearance and Odor:TRANSPARENT COLORLESS. CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ALUMINUM, STRONG ACIDS, HALOGENS, AMINES, AMMONIA, ALDEH

YDES.

Stability Condition to Avoid:FLAME, IGNITION SOURCES.

Hazardous Decomposition Products:CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF SPILL CLEAN-UP WASTE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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.