

PHARMCO PRODUCTS INC -- ISOPROPYL ALCOHOL -- 6810-00-753-4993

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

Product ID:ISOPROPYL ALCOHOL

MSDS Date:06/01/1995

FSC:6810

NIIN:00-753-4993

MSDS Number: BYHJK

=== Responsible Party ===

Company Name:PHARMCO PRODUCTS INC

Address:58 VALE RD

City:BROOKFIELD

State:CT

ZIP:06804

Country:US

Info Phone Num:203-740-3471

Emergency Phone Num:203-740-3471 800-424-9300(CHEMTREC)

CAGE:69267

=== Contractor Identification ===

Company Name:PHARM

CO PRODUCTS INC.

Address:58 VALE ROAD

Box:City:BROOKFIELD

State:CT

ZIP:06804-3967

Country:US

Phone:203-740-3471

CAGE:69267

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

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;9394

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

LD50 LC50 Mixture:ORAL LD50 (RAT) = 5840 MG/KG

Routes of E

ntry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION. SKIN:MAY
CAUSE IRRITATION. INGESTION:MAY CAUSE GI TRACT IRRITATION AND CNS
DEPRESSION. INHALATION: MAY CAUSE RESPIRATORY IRRITATION.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:INGESTION: HEADACHE, NAUSEA, VOMITING,
DIZZI
NESS, GI TRACT IRRITATION, NARCOSIS, UNCONSCIOUSNESS.
INHALATION: RESPIRATORY TRACT IRRITATION, CHEST PAIN, COUGHING.
EYES: IRRITATION, STINGING, EXCESSIVE REDNESS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
FLUSH UNDER LIDS BY LIFTING THEM OR ROLLING EYES. SEE DOCTOR ASAP.
SKIN: FLUSH WITH WATER. REMOVE CLOTHING AND CONTINUE FLUSHING.
INHALATION : REMOVE TO FRESH AIR AND RESTORE BREATHING. GET MEDICAL
HELP. INGESTION: DO NOT INDUCE VOMITING. DILUTE. GET PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:51.8F,11.0C
Autoignition Temp:Autoignition Temp Text:750F
Lower Limits:2.0%
Upper Limits:12.0 %
Extinguishing Media:USE CARBON DIOXIDE, ALCOHOL FOAM, WATER SPRAY OR
DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS HEAVIER THAN
AIR, CAN TRAVEL ALONG GROUND AND FLASHBACK.

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

Spill Release Procedures:SMALL SPILLS CAN BE FLUSHED AWAY WITH WATER.
VENTILATE. ELIMINATE IGNITION SOURCES. ABSORB M

ATERIAL WITH CLAY,
VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL
CONTAINERS. FLUSH AREA WITH WATER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.
AVOID CONTACT WITH EYES. KEEP CONTAINER CLOSED. USE WITH ADEQUATE
VENTILATION. GROUND CONTAINER WHEN TRANSFERNG
Other Precautions:VAPORS MAY COLLECT IN CONTAINER. TREAT EMPTY
CONTAINERS AS HAZARDOUS. SUDDEN RELEASE OF HOT
ORGANIC CHEMICAL
VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPS
MAY RESULT IN IGNITION WITHOUT AN IGNITION SOURCE.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.
Ventilation:USE LOCAL EXHAUST. AVOID OPEN ELECTRICAL SOURCES NEAR
PRODUCT VAPOR AREAS.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye
Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD
Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY
SHOWER.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F2
Boiling Pt:B.P. Text:180F,82C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:33
Vapor Dens
ity:2.1
Spec Gravity:.79
Evaporation Rate & Reference:2.5 (BUTYL ACETATE = 1)
Solubility in Water:COMPLETE
Appearance and Odor:TRANSPARENT, COLORLESS LIQUID, CHARACTERISTIC ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, ALUMINUM, STRONG ACIDS, HALOGENS, AMINES,
AMMONIA, ALDEHYDES
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITI

ON

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL,
STATE AND FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

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