

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

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Product Identification
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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:PHARMCO PRODUCTS INC.

Address:58 VALE ROAD

Box:City:BROOKFIELD

State:CT

ZIP:06804-3967

Country:US

Phone:203-740-3471

CAGE:69267

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Composition/Information on Ingredients
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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

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

Routes of Entry: 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, DIZZINESS, 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 AWA

Y WITH WATER.

VENTILATE. ELIMINATE IGNITION SOURCES. ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER.

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Handling and Storage
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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 CONTAINERS.

R. 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.

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Exposure Controls/Personal Protection
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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 ARE

AS.

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.

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:B.P. Text:180F,8

2C

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

Vapor Pres:33

Vapor Density: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

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

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

Stability Conditi

n to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

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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