

PHARMCO PRODUCTS INC -- ISOPROPYL ALCOHOL -- 6810-00-983-8551

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Product Identification
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Product ID:ISOPROPYL ALCOHOL

MSDS Date:02/01/1996

FSC:6810

NIIN:00-983-8551

MSDS Number: CBQMP

=== Responsible Party ===

Company Name:PHARMCO PRODUCTS INC

Address:58 VALE ROAD

City:BROOKFIELD

State:CT

ZIP:06804-3967

Country:US

Info Phone Num:203-740-3471 FAX 203-740-3481

Emergency Phone Num:800-424-93

00(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 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

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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.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL: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

:INGEST:NAUSEA,VOMITING,DIZZINESS,NARCOSIS.INHAL:CHEST PAIN,COUGHING.EYES:STINGING,REDNESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:OBTAIN MEDICAL ASSISTANCE FOR ALL CASES OF EXPOSURE.SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT IN DUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

===== 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 WATER SPRAY, CARBON DIOXIDE, ALCOHOL RESISTANT FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTA INERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:STRONG OXIDIZERS MAY CAUSE FIRE.FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS HEAVIER THAN AIR, CAN TRAVEL ALONG GROUND AND FLASHBACK.

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

Spill Release Procedures: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 =====

Handling and Storage Precautions:USE ONLY IN WELL VENTILATED WORK AREA.
KEEP CONTAINERS CLOSED WHEN NOT IN USE. FLAMMABLE LIQUID. DO NOT
STORE ABOVE 100F.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUID;FLOWING
LIQUID CAN BECOME ELECTROSTATICALLY CHARGED.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED
RESPIRATOR. AIR-SU
PPLIED OR FILTERING TYPE WITH ORGANIC VAPOR
CARTRIDGES IF TLV IS EXCEEDED.

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. 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:SAFETY SHOES, EYE WASH STATION & SAFETY
SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH SKIN AFTER USING PRODUCT. DO NOT EAT,
DRINK OR SMOKE IN WORK
AREA.

Supplemental Safety and Health
NONE

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

HCC:F2

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-127F,FZ PT

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.79

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

Solubility in Water:COMPLETE

Appearance and Odor:TRANSPARENT LIQUID,CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

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

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

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