

PHARMCO PRODUCTS INC. -- HEXANES -- 6810-00-949-0257

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Product Identification
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Product ID:HEXANES

MSDS Date:11/01/1997

FSC:6810

NIIN:00-949-0257

MSDS Number: CKTPQ

=== Responsible Party ===

Company Name:PHARMCO PRODUCTS INC.

Address:58 VALE ROAD

City:BROOKFIELD

State:CT

ZIP:06804-3967

Country:US

Info Phone Num:800-424-9300, 203-740-3471

Emergency Phone Num:800-424-9300

Resp. Party Other

MSDS Num.:055, REVISION 1.0

Chemtec Ind/Phone:(800)424-9300

CAGE:69267

=== Contractor Identification ===

Company Name:ALLIANCE CHEMICAL INC

Address:3 OAKMOOR

Box:79

City:ROUND ROCK

State:TX

ZIP:78680

Country:US

Phone:512-365-6838

Contract Num:SP0450-00-M-SJ88

CAGE:1LT50

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:HEXA

NES (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
= Wt:100.
OSHA PEL:50 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SWALLOWING: THIS MATERIAL CAN ENTER LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG DAMAGE. MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT, NAUSEA, NERVOUS SYSTEM
DEPRESSION AND GIDDINESS. SKIN ABSORPTION: NO HARMFUL EFFECTS REPORTED. INHALATION: MAY CAUSE IRRITATION OF THE THROAT AND NOSE. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION AND DRYING OF THE SKIN. EYE: MAY CAUSE IRRITATION INCLUDING STINGING, TEARING, AND REDNESS.
Effects of Overexposure:IRRITATION OF NOSE, THROAT OR DIGESTIVE SYSTEM. DEPRESSION OF NERVOUS SYSTEM.
Medical Cond Aggravated by Exposure:REPEATED EXPOSURE MAY AGGRAVATE SKIN DISORDERS, RESPIRATORY DISORDER, MALE REPRODUCTIVE DISORDERS & PERIPHERAL NERVE DISORDERS. EXPOSURE TO HIGH CONCENTRATIONS MAY CAUSE IRREGULAR HEARTBEATS.

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

First Aid:OBTAIN MEDICAL ATTENTION FOR ALL CASES OF OVER-EXPOSURE. SWALLOWING: ASPIRATION HAZARD-DO NOT INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH SKIN WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. INHALATION: REMOVE TO FRESH AIR; GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING; IF BREATHING IS DIFFICULT OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL; OBTAIN MEDICAL ASSISTANCE IF DISCOMFORT PERSISTS. EYE: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ASSISTANCE.

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

Flash Point Method:TCC
Flash Point:=-22.C, -7.6F
Lower Limits:1.0%
Upper Limits:8.0%
Extinguishing Media:SMALL FIRES-USE DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULA

R FOAM. LARGE FIRES-WATER SPRAY, FOG OR FOAM.

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND STRUCTURES; USE WATER SPRAY TO DISPERSE VAPORS-REIGNITION IS POSSIBLE; USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK. VAPORS MAY SETTLE IN LOW OR CONFINED SPACES. MAY PRODUCE A FLOATING FIRE HAZARD. STATIC IGNITION HAZARD CAN RESULT FROM HANDLING AND USE.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES; GROUND ALL EQUIPMENT; DO NOT WALK THROUGH SPILL; STOP SPILL IF POSSIBLE; PREVENT ENTRY INTO SEWERS, CONFINED SPACES, ETC.; USE A VAPOR SUPPRESSING FOAM TO REDUCE VAPORS ; ABSORB SPILL WITH NON-COMBUSTIBLE MATTER AND TRANSFER TO CONTAINERS; USE NON-SPARKING TOOLS TO COLLECT ABSORBED MATERIAL.

===== Handling and Storage =====
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Handling and Storage Precautions:FLAMMABLE MATERIAL-KEEP AWAY FROM HEAT, SPARKS, & FLAME; SUDDEN RELEASES OF HOT ORGANIC VAPORS OR MISTS FROM PROCESS EQUIPMENT OPERATING AT ELEVATED TEMPERATURES MAY RESULT IN IGNITIONS WITHOUT THE PR ESENCE OF OBVIOUS IGNITION SOURECES. AVOID CONTACT WITH EYES. KEEP CONTAINER CLOSED.

Other Precautions:USE WITH ADEQUATE VENTILATION. GROUND CONTAINER WHEN TRANSFERRING PRODUCT. VAPORS MAY COLLECT IN CONTAINERS; TREAT EMPTY CO NTAINER AS HAZARDOUS. WASH THOROUGHLY AFTER HANDLING. VAPORS MAY SETTLE IN LO W OR CONFINED AREAS.

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

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

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

Protective Gloves:WEAR GLOVES.

Eye Protection:WEAR SAFETY GLASSES.

Other Protective Equipment:WEAR LAB COAT OR UNIFORM, EYE WASH, SAFETY

SHOWER.

Supplemental Safety and Health

PRODUCT: HEXANES. SYNONYMS: HYDROCARBON MIXTURES. FORMULA:
CH₃(CH₂)₄CH₃; NOTE THAT THIS PRODUCT IS A MIXTURE OF N-HEXANE AND
OTHER HEXANE ISOMERS.

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

HCC:F2

Boiling Pt:=67.8C, 154.F

B.P. Text:APPROX.

Melt/Freeze Pt:=-95.C, -139.F

Vapor Pres:140 MM HG

Vapor Density:3.0(AIR=1)

Spec Gravity:.675@15.56C

VOC Pounds/Gallon:674

Evaporation Rate & Reference:8.1(BUTYL ACETATE=1)

Solu

bility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID; CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING/REDUCING AGENTS.

Stability Condition to Avoid:HEAT, FLAMES, ETC.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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Waste Disposal Methods:VAPORS MAY COLLECT IN EMPTY CONTAINERS, TREAT
EMPTY CONTAINER AS HAZARDOUS. DISPOSE OF SPILL-CLEAN UP AND OTHER
WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:PROPER SHIPPING NAME: HEXANE. HAZARD CLASS: 3. UN
NUMBER: 1208. PACKING GROUP II. IMO INFORMATION: HEXANES. LABEL OF
CLASS: 3. PACKING GROUP II. LOW FLASHPOINT GROUP.

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Regulatory Information
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SARA Title III Information:COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER SARA ARE: HEXANE.

Federal Regulatory Information:CERCLA REQUIRES NOTIFICATION OF THE NATIONAL RESPONSE CENTER OF RELEASE QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES (RQS) IN CFR. COMPONENTS PRE

SENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THIS STATUTE ARE: HEXANES, CAS#110-54-3. THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY.

State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT MAY CONTAIN TRACE LEVELS OF BENZENE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. THIS PRODUCT MAY CONTAIN TRACE LEVELS OF TOLUENE KNOWN TO THE STATE OF CALIFORNIA TO BE A DEVELOPMENTAL TOXICANT. THIS PRODUCT CONTAINS HEXANE WHICH MAY BE IDENTIFIED AS A HAZARDOUS SUBSTANCE BY INDIVIDUAL STATES. CALIFORNIA SCAQMD RULE 443.1 (VOCS).

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Other Information
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