

SPECTRUM CHEMICAL MFG CORP. -- HEXANES -- 6810-00-949-0257

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Product Identification
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Product ID:HEXANES

MSDS Date:07/01/1994

FSC:6810

NIIN:00-949-0257

MSDS Number: BWPSP

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MFG CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248

Country:US

Info Phone Num:213-516-8000

Emergency Phone Num:213-516-8000/800-424-9300

(CHEMTREC)

Preparer's Name:C.A. EISENHARD

CAGE:63415

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

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Composition/Information on Ingredients
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Ingred N

ame:HEXANE (N-HEXANE) (CERCLA)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: VARIES
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9495
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ISOHEXANE
CAS:107-83-5
RTECS #:SA2995000
Fraction by Wt: VARIES
Other REC Limits:NONE RECOMMENDED

Ingred Name:3-METHYL PENTANE
CAS:96-14-0
RTECS #:SA2995500
Fraction by Wt: VARIES
Other REC Limits:NONE RECOMMENDED

Ingred Name:NEOHEXANE
CAS:75-83-2
RTECS #:EJ9300000
Fraction by Wt: VARIES
Oth
er REC Limits:NONE RECOMMENDED

Ingred Name:2,3-DIMETHYLBUTANE
CAS:79-29-8
RTECS #:EJ9350000
Fraction by Wt: VARIES
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
TRACT. ACUTE- INHALATION MAY CAUSE CNS DEPRESSI

ON. SKIN CONTACT MAY

CAUSE IRRITATION, REDNESS. MAY CAUSE EYE IRRITATION. INGESTION CAUSES CNS DEPRESSION, VOMITING , PAIN. CHRONIC- LOSS OF DEEP SENSORY REFLEXES, DERMATITIS, ITCHING, PAIN, CONJUNCTIVITIS, BRAIN DAMAGE/CARDIAC ARREST.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DRY SKIN, CONFUSION, HEADACHE, DIZZINESS, LOSS OF COORDINATION, PAIN, NAUSEA, VOMITING, DERMATITIS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING DISE

ASES OF THE CENTRAL NERVOUS SYSTEM MAY HAVE INCREASED SUSCEPTIVITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP FOR ALL CASES. EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER FOR 15 MINUTES. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSARY. ORAL:IF CONSCIOUS, PROVIDE GASTRIC LAVAGE/EMESIS. MAINTAIN BLOOD PRESSURE & AIRWAY. ADMINISTRATION OF GASTRIC LAVAGE, OXYGEN/CPR SHOULD BE PERFORMED BY QUALIFIED MEDICAL PERSONNEL.

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

Flash Point:-7F,-22C

Lower Limits:1.1

Upper Limits:7.5

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, HALON, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH PUMP/NON-FLAMMABLE ABSORBENT SUCH AS SAND/CLAY. PLACE IN CONTAINER FOR DISPOS

AL. WASH

SPILL SITE AFTER PICK UP IS COMPLETE. PREVENT LIQUID FROM ENTERING SEWER

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN VENTILATED AREA AWAY FROM IGNITION SOURCES & INCOMPATIBLES. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NATURAL RUBBER, NEOPRENE

Eye Protection:SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. LAB COAT

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

CONSUMPTION OF ALCOHOL MAY POTENTIATE THE TOXIC EFFECTS . USE OF STIMULANT SUCH AS EPINEPHRINE MAY INDUCE VENTRICULAR FIBRILLATION.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:156F,69C

Melt/Freeze Pt:M.P/F.P Text:-139F,-95C

Vapor Pres:124 68F

Vapor Density:3.0

Spec Gravity:0.6603

Evaporation Rate & Reference:15.8 (N-BUTYL ACETATE=1)

Solubility in Water:0.014% @ 68F

Appearance and Odor:CLEAR, COLORLESS MOBILE LIQUID WITH A MILD GASOLINE ODOR

Percent Volatiles by Volume:100

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===== Stability and

d Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, CALCIUM HYPOCHLORITE, OXYGEN, PLASTICS, SODIUM HYPOCHLORITE

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

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. MAY

BE BURNED IN AN APPROVED CHEMICAL INCINERATOR.

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