

HEPTANE

MSDS Number

CGCMC

National Stock Number

6810-00N082217

Product Name

HEPTANE

Manufacturer

MALLINCKRODT

Product Identification

Product ID:HEPTANE
MSDS Date:02/17/1995
FSC:6810
NIIN:00N082217
MSDS Number: CGCMC

Responsible Party

MALLINCKRODT
222 RED SCHOOL LANE
PHILLIPSBURG , NJ 08865
US

Emergency Phone: 908-859-2151; 202-483-7616

Info Phone: 908-859-9318

Cage: ZA916

Contractor

MALLINCKRODT MEDICAL, INC
M
MARYLAND HEIGHTS, MO 63043
US

314-770-7800

Cage: ZA916

Ingredients

HEPTANE; (N-HEPTANE)
CAS: 142-82-5
RTECS: MI7700000
Fraction By Weight: 100%
OSHA PEL500 PPM
ACGIH TLV: 400 PPM;500 STEL

KEEP CONTAINER CLOSED. USE W/ADEQUATE VENT. AVOID

RTECS: 9999999ZZ

BECAUSE IT CAN CONTROL EMISSIONS OF CONTAM AT ITS

RTECS: 9999999ZZ

PLEASE REFER TO ACGIH DOCUMENT, "INDUSTRIAL VENT, A

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHALATION:INHALATION OF VAPORS IRRITATES RESPIRATORY TRACT. MAY PRODUCE LIGHT HEADEDNESS, DIZZINESS, MUSCLE INCOORDINATION, LOSS OF APPETITE AND NAUSEA. HIGHER CONCENTRATIONS CAN PRODUCE CENTRA L NERVOUS SYSTEM DEPRESSION, NARCOSIS AND UNCONSCIOUSNESS. INGESTION:MAY PRODUCE ABDOMINAL PAIN, (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:NAUS. ASPIR INTO LUNGS CAN PRDCE SEV LUNG DMG. OTHER SYMPS EXPECTED TO PARALLEL TO INHAL. SKIN CONTACT:MAY CAUSE MILD IRRIT, REDNESS, PAIN. EYE CONT:VAPS MAY IRRIT. SPLASHES MAY PRDCE REDNESS , PAIN. CHRONIC:RPTD/PRLNG SKIN CONTACTMAY DEFAT SKIN & PRODUCE IRRITATION & DERMATITIS.
Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS, OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYG. CALL MD. INGEST:ASPIR HAZ. DO NOT INDUCE VOMIT. GIVE LG QTYS OF WATER/MILK IF AVAIL. CALL MD IMMED. NEVER GIVE AN YTHING BY MOUTH TO AN UNCONSCIOUS PERS.SKIN:REMOVE ANY CONTAM CLTHG. WASH SKIN W/SOAP OR MILD DETERGENT & WATER FOR AT LST 15 MINS. GET MED ATTN IF IRRIT DEVELOPS/PERSISTS. EYES:WASH W/PLENTY(SUPDAT)

Fire Fighting

Flash Point Method:CC
Flash Point:25.0F,-3.9C
Lower Limits:1.05%
Upper Limits:6.7%
Extinguishing Media:DRY CHEMICAL, FOAM OR CARBON DIOXIDE.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE EXPLOSIVE W/IN FLAMMABLE LIMITS NOTED.

Accidental Release

Spill Release Procedures:VENT AREA OF LEAK/SPILL. REMOVE ALL SOURCES OF IGNIT. CLEAN-UP PERS REQ PROT CLTHG & NIOSH APPRVD RESP PROT FROM VAPS. CONTAIN & RECOVER LIQ WHEN POSS. COLLECT AS HAZ WASTE & ATOMIZE IN SUITABLE RCRA APPRVD COMBUST CHAMBER/ABSORB W/ (SUPP DATA)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DMG. STORE IN COOL, DRY, WELL-VENTED LOCATION, AWAY FROM ANY AREA WHERE FIRE HAZ MAY BE ACUTE. OUTSIDE/DETACHED STOR IS PREF.
Other Precautions:SEPARATE FROM OXIDIZING MATLS. CNTNRS SHOULD BE BONDED & GROUNDED FOR TRANSFERS TO AVOID STATIC SPKS. STOR & USE AREAS SHOULD BE NO SMOKING AREAS. USE NON-SPARKING TYPE TOOLS & EQUIP. HARMFUL IF SWALL OWED/INHALED. KEEP AWAY FROM (SUPP DATA)

Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED A NIOSH APPRVD FULL FACEPIECE CHEM CARTRIDGE RESP MAY BE WORN, IN GEN, UP TO MAX USE CONC SPECIFIED BY RESP SUPPLIER. ALTERNATIVELY, A NIOSH APPRVD SUPPLIED

AIR FULL FACEPIECE RESP OR AIRLINED HOOD MAY BE WORN.
Ventilation:SYS OF LOC &/OR GEN EXHST IS REC TO KEEP EMPLOYEE EXPOS
BELOW AIRBORNE EXPOS LIMS. LOC EXHST VENT IS GENRLY PREF (ING 3)
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:ANSI APPRVD EYE WASH FOUNTAIN & DELUGE
SHOWER . WEAR IMPERVIOUS PROT CLTHG, INCL BOOTS, LAB COAT, APRON/
(SUPDAT)
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
FIRST AID PROC:OF WATER FOR AT LST 15 MINS, LIFTING LOWER & UPPER LIDS
OCCAS. GET MED ATTN IMMED. SPILL PROC:VERMICULITE, DRY SAND,
EARTH/SIMILAR MATL FOR DISP AS HAZ WASTE IN RCRA APPRVD FACILITY.
DO NOT FLUSH TO SEWER! OTHER PROT EQUIP:COVERALLS, AS APPROP, TO
PVNT SKIN CONT. OTHER PREC:HEAT, SPKS & FLAME. (ING 2)

Chemical Properties

Boiling Pt:B.P. Text:209F,98C
Melt/Freeze Pt:M.P/F.P Text:-132F,-91C
Vapor Pres:40 @ 20C
Vapor Density:3.5
Spec Gravity:0.683
Solubility in Water:INSOLUBLE
Appearance and Odor:COLORLESS LIQUID; MILD GASOLINE-LIKE ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE &
STORAGE. HEAT WILL CONTRIBUTE TO INSTABILITY.
Hazardous Decomposition Products:CARBON DIOXIDE & CARBON MONOXIDE MAY
FORM WHEN HEATED TO DECOMPOSITION.

Disposal

Waste Disposal Methods:DISPOSE OF CONTAINER & UNUSED CONTENTS I/A/W
FEDERAL, STATE & LOCAL REQUIREMENTS.

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