

1-HEXADECANOL

MSDS Number

BYWSG

National Stock Number

6810-00N063279

Product Name

1-HEXADECANOL

Manufacturer

MALLINCKRODT INC

Product Identification

Product ID:1-HEXADECANOL

MSDS Date:02/09/1987

FSC:6810

NIIN:00N063279

MSDS Number: BYWSG

Responsible Party

MALLINCKRODT INC

PARIS , KY 40362

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

Contractor

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

Ingredients

1-HEXADECANOL; (CETYL ALCOHOL)

CAS: 36653-82-4

RTECS: MM0225000

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:LD50: (ORAL, RAT) 6400 MG/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INFORMATION ON HUMAN HEALTH EFFECTS FROM EXPOSURE TO THIS SUBSTANCE IS LIMITED. INHALATION/ INGESTION: NO INFORMATION FOUND BUT COMPOUND SHOULD BE HANDLED AS A POTENTIAL HEALTH HAZARD. SKIN CONTACT: M AY CAUSE IRRITATION. MAY BE ABSORBED THROUGH THE SKIN. EYE CONTACT: MAY CAUSE IRRITATION. CHRONIC: NO INFORMATION FOUND.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYGEN. CALL MD. INGEST: CALL MD IMMED. SKIN: REMOVE ANY CONTAMD CLTHG. WASH SKIN W/SOAP OR MILD DETERGENT & WATER FOR AT LEAST 15 MIN. GET MED ATTN IF IRRITDEVELOPS/PERSISTS. EYES: WASH EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN, LIFTING LOWER & UPPER EYELIDS OCCASIONALLY. GET MED ATTN IMMED.

Fire Fighting

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:AS W/MOST ORG SOLIDS, FIRE IS POSS AT ELEVATED TEMPS OR BY CNTCT W/IGNIT SOURCE. FINE DUST DISPERSED IN AIR IN SUFFICIENT CONCS & IN PRESENCE OF IGNIT (SUPDAT)

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNIT. VENT AREA OF LEAK/SPILL. CLEAN-UP PERS MAY REQ PROT FROM INHAL OF DUST. SPILLS: CLEAN UP SPILLS IN MANNER THAT DOES NOT DISPERSE DUST INTO AIR. USE NON-SPKG TOOLS. PICK UP SPILL FOR RECOVERY/DISP & PLACE IN CLSD CNTNR.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:DO NOT BREATHE DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL.

Exposure Controls

Respiratory Protection:FOR CONDITIONS OF USE WHERE EXPOSURE TO THE DUST IS APPARENT, A NIOSH/MSHA APPROVED, DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES, A NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:LOC EXHST SYS WHICH CAPTURES THE CONTAMINANT AT ITS SOURCE IS RECOM TO PVNT DISPERSION OF CONTAMINANT INTO WORKROOM AIR.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH FOUNTAIN & DELUGE SHOWER . WEAR CLEAN BODY-COVERING CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EXPLO HAZ: SOURCE IS POTNTL DUST EXPLO HAZ.

Chemical Properties

Boiling Pt:B.P. Text:651F,344C

Melt/Freeze Pt:M.P/F.P Text:>129F,>54C

Spec Gravity:0.811

Solubility in Water:PRACTICALLY INSOL

Appearance and Odor:WHITE CRYSTALS; FAINT ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.

Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE MAY FORM WHEN HEATED TO DECOMPOSITION.

Disposal

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED IN AN APPROVED WASTE

FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.