

HEXAMETHYLDISILAZANE

MSDS Number

BCDKY

National Stock Number

6810-00K002530

Product Name

HEXAMETHYLDISILAZANE

Manufacturer

MALLINCKRODT INC SCIENCE PRODUCTS DIV

Product Identification

Product ID:HEXAMETHYLDISILAZANE

MSDS Date:01/01/1987

FSC:6810

NIIN:00K002530

MSDS Number: BCDKY

Responsible Party

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

PARIS BYPASS

PARIS , KY 40361

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

Hazards

Effects of Overexposure:INH:EXCSSV INH CAUSES RESP TRACT IRRIT;ING:MAY CAUSE GI UPSET,VOMITG;SKIN/EYE:IRRITANT.MAY BURN SEVR

First Aid

First Aid:INHAL:RMV TO FRESH AIR.IF NEEDED,GIVE CPR/OXYGEN.GET MD;INGEST:GIVE SEVRL GL OF WATER.DO NOT INDUCE VOMITG.IMMED GET MD;SKIN:FLUSH W/LG QTY OF H*2O FOR 15 MIN.REMV CONTMNTD CLOTHES.GET MD;EYES:IMMED F LUSH W/PLENTY OF H*2O FOR AT LEAST 15 MIN.GET MD.

Fire Fighting

Flash Point:13-27C(55-81F)CC

Autoignition Temp:Autoignition Temp Text:380C

Lower Limits:0.8

Upper Limits:16.3

Extinguishing Media:POWDER,ALCOHOL RESISTANT FOAM,WATER SPRAY OR CARBON DIOXIDE

Fire Fighting Procedures:USE H*2O TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTHG.

Unusual Fire/Explosion Hazard:ABOVE FLASH POINT,VAP-AIR MIXTURES ARE

EXPLOSIVE WITHIN FLAMMABLE LIMITS.

Accidental Release

Spill Release Procedures: VENTILATE & EVAC AREA. USE PROTECTIVE CLOTHING & RESPIRATORY PROTECTION FROM VAPOR. CONTAIN & RECOVER LIQUID WHEN POSSIBLE. SPILLS MAY BE ABSORBED WITH INERT MATERIAL & COLLECTED FOR DISPOSAL. DIKE LEAK SPILL WITH DRY SAND/EARTH & RECOVER LIQUID FOR RECOVERY WHEN POSSIBLE. REMOVE IGNITION SOURCES.

Handling

Handling and Storage Precautions: PROTECT AGAINST PHYSICAL DAMAGE. STORE IN COOL, DRY WELL VENTILATED AREA AWAY FROM IGNITION/HEAT SOURCES, OXIDIZING MATERIAL. OUTSIDE OR DETACHED STORAGE IS PREFERRED.
Other Precautions: KEEP AWAY FROM HEAT, SPARKS, FLAMES. KEEP CONTAINERS CLOSED. USE WITH ADEQUATE VENTILATION. AVOID BREATHING MIST. WASH THOROUGHLY AFTER HANDLING. BOND GROUND CONTAINERS WHEN TRANSFERRING MATERIAL. USE NON-SPARKING TYPE TOOL & EQUIP.

Exposure Controls

Respiratory Protection: HALF MASK RESPIRATOR
Ventilation: LOCAL EXHAUST TO MAINTAIN BELOW TLV.
Protective Gloves: IMPERMEABLE
Eye Protection: SAFETY/CHEM GOGGLES
Other Protective Equipment: FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE WASH STATION
Supplemental Safety and Health
MSDS FROM MATERIAL SAFETY DATA SHEET DATED: 15 OCT 86 CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD;
FORMULA: $(CH_3)_3SiSi(CH_3)_3$; SOLUBILITY IN WATER: HYDROLYSES SLOWLY AT ROOM TEMPERATURE.

Chemical Properties

HCC: F3
Boiling Point: B.P. Text: 125°C (257°F)
Vapor Pressure: 20
Vapor Density: 4.6
Specific Gravity: 0.77
Evaporation Rate & Reference: Solubility in Water: NEGLIGIBLE
Appearance and Odor: CLEAR, COLORLESS LIQUID. AMMONIACAL ODOR.

Stability

Stability Indicator/Materials to Avoid: YES
WATER, METHYL ALCOHOL, ACIDS, STRONG ALKALIES & OXIDIZING AGENTS
Stability Condition to Avoid: HEAT, IGNITION SOURCES
Hazardous Decomposition Products: MAY FORM SILICON DIOXIDE, OXIDES OF CARBON & NITROGEN; NH_3 /HCHO IF HEATED

Disposal

Waste Disposal Methods: COLLECT SPILLED MATERIAL AS HAZARDOUS WASTE & ATOMIZE IN A SUITABLE RCRA APPROVED COMBUSTION CHAMBER OR DISPOSE OF IN A RCRA APPROVED FACILITY. DO NOT FLUSH TO SEWER! ENSURE COMPLIANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

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