

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-733/7337-45-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas: 7337-45-3
Code: M
RTECS: EO3900000
Code: M
Name: TERTIARY-BUTYLAMINE BORANE
Other REC Limits: NOT ESTABLISHED
OSHA PEL: NOT ESTABLISHED
Code: M
OSHA STEL:
Code:
ACGIH TLV: NOT ESTABLISHED
Code: M
ACGIHSTEL: N/P
Code:

Control Measures

Respiratory Protection: AN APPROPRIATE NIOSH-APPROVED RESPIRATOR FOR DUST SHOULD BE WORN IF NEEDED.
Ventilation: MECHANICAL(GEN./LOCAL EXHAUST,AS NECESSARY;AVOID DUSTING CON
Protective Gloves: IMPERVIOUS
Eye Protection: PROTECTIVE GLOVES,BOOTS AND CLOTHING SHO
Other Protective Equipment: Equipment ULD BE WORN.
Work Hygienic Practices: N/P
Supplemental Safety and Health: THIS DATA REPRESENTS PART B OF A 4 PARTS PRODUCT.UNIT CONTAINER QTY IS 0.5 OZ IN GLASS BOTTLE TO MAKE 5 GAL WORKING SOLUTION.ALL PARTS ARE NEEDED TO MAKE WORKINNT;KEY1:J2. 4

Health Hazards Data

LD50LC50Mixture: ACUTE ORAL LD50=25MG/KG (RAT,MOUSE)
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Health Hazards Acute And Chronic: HARMFUL OR FATAL IF SWALLOWED.HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.CAN CAUSE SKIN AND EYE IRRITATION.
Explanation Of Carcinogenicity: N/R
Signs And Symptoms Of Overexposure: 2 INHALATION:MAY BE HARMFUL IF INHALED; EYES:DUST CAUSES BURNS/IRRITATION; SKIN:CAUSES IRRITATION.MAY BE HARMFUL IF ABSORBED THROUGH SKIN; INGESTION:MAY BE FATAL
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: INHALE:REMOVE TO FRESH AIR,GIVE CPR/O*2 IF NEED;EYES:FLUSH W LG AMTS H*2O FOR 15 MIN;SKIN:FLUSH W LG AMTS H*2O;INGEST:RINSE MOUTH;GET IMMEDIATE MEDICAL ATTENTION FOR OVEREXPOSURE OR INGESTION.
Spill Release Procedures: EVACUATE UNPROTECTED PERSONS.PROVIDE VENTILATION/ELIM DUST.SWEEP/SHOVEL MATERIAL INTO COVERED CONTAINERS PENDING DIPOSAL.NOTE:FLAMMABLE SOLID-AVOID IGNITION SOURCES.
Neutralizing Agent: N/P
Waste Disposal Methods: KEEP IN COVERED CONTAINERS PENDING DISPOSAL.HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE,& LOCAL REGULATIONS. MFG SUGGESTS NEUTRALIZE W SODIUM HYPOCHLORITE & FLU SH TO ACID FREE SEWER W EXCESS WATER.
Handling And Storage Precautions: STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA.PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.KEEP CONTAINERS TIGHTLY CLOSED.
Other Precautions: AVOID PROLONGED OR REPEATED CONTACT W CHEMICAL.REMOVE & WASH CONTAMINATED CLOTHING.MAINTAIN STRICT HYGIENE.KEEP AWAY FROM UNTRAINED PERSONNEL;AVOID HEAT,SPARKS,OR OPEN FLAME.

Fire and Explosion Hazard Information

Flash Point Method: N/P
Flash Point:
Flash Point Text: N/K
Autoignition Temp:
Autoignition Temp Text: N/A 3
Lower Limits: N/K
Upper Limits: N/K
Extinguishing Media: USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard: LIBERATES HYDROGEN WHEN DRY IN SOLUTION.FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZ DEPOSITION PRODUCTS.POWDER DUST CAPABLE OF CREATING A DUST EXPLOSION.

Physical/Chemical Properties

HCC: F8
NRC/State LIC No:
Net Prop WT For Ammo:
Boiling Point:
B.P. Text: N/R
Melt/Freeze Pt: =37.8C, 100.F
M.P/F.P Text: DECOMP
Decomp Temp: =37.8C, 100.F
Decomp Text:
Vapor Pres: N/R
Vapor Density: N/R
Volatile Org Content %:
Spec Gravity: 0.87
VOC Pounds/Gallon:
PH: N/R
VOC Grams/Liter:
Viscosity: N/P
Evaporation Rate & Reference: N/R
Solubility in Water: APPRECIABLE
Appearance and Odor: WHITE CRYSTALLINE SOLID;AMINE ODOR
Percent Volatiles by Volume: N/K
Corrosion Rate: N/P

Reactivity Data

Stability Indicator: NO
Stability Condition To Avoid: AVOID TEMPERATURES ABOVE 71C (160F), SPARKS, OPEN FLAMES
Materials To Avoid: OXIDIZING AGENTS,STRONG ACIDS
Hazardous Decomposition Products: COMBUSTION WILL PRODUCE CARBON DIOXIDE,CARBON MONOXIDE.MAY PRODUCE OXIDES OF NITROGEN,HYDROGEN GAS,AND DIBORANE FUMES.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: N/P 5

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P
Federal Regulatory Information: N/P
State Regulatory Information: N/P

Other Information

Other Information:N/P