

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

ACGIH STEL:

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 SHD 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

LD50/LC50 Mixture:

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*20 FOR 15 MIN; SKIN:FLUSH W LG AMTS H*20; 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 DISPOSAL.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 & FLUSH 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 DECOMPOSITION PRODUCTS.POWDER DUST CAPABLE OF CREATING A DUST EXPLOSION.

Physical/Chemical Properties

HCC:

F8

NRC/State LIC No:**Net Prop WT For Ammo:**

N/K

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/D

Volatile Org Content %:

N/A

Spec Gravity:

0.87

VOC Pounds/Gallon:

N/P

pH:

N/R

VOC Grams/Liter:

N/P

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

Neutralizing Agent:

N/P

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Toxicological Information

Information-N/P:**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

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