

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-133/1332-07-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas: 1332-07-6
Code: M
RTECS:
Code: X
Name: ZINC BORATE
Other REC Limits: N/K
OSHA PEL: N/K
Code: M
OSHA STEL:
Code:
ACGIH TLV: N/K
Code: M
ACGIHSTEL: N/P
Code:

Control Measures

Respiratory Protection: WHERE VENTILATION IS INADEQUATE, USE A SUITABLE RESPIRATOR.
Ventilation: GENERAL DILUTION/LOCAL EXHAUST IN VOLUME & PATTERN TO KEEP
Protective Gloves: NITRILE, NEOPRENE, OR LATEX
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: Equipment PROTECTIVE CLOTHING INCLUDING IMPERMEABLE
Work Hygienic Practices: CLEAN OR DISCARD CONTAMINATED CLOTHING &SHOES BEFORE REUSE.
Supplemental Safety and Health: PERCENT SOLID BY WEIGHT: 55.38. 10.82 LBS/GAL.

Health Hazards Data

LD50LC50Mixture: N/K
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES 3
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Health Hazards Acute And Chronic: INGESTION: HARMFUL. EYES/SKIN: IRRITATION. INHALATION: HARMFUL, IRRITATION, NOSE/THROAT, BREATHING DIFFICULTIES.
Explanation Of Carcinogenicity: NONE
Signs And Symptoms Of Overexposure: EYES: IRRITATION, REDNESS, ITCHING, BURNING SENSATION/VISUAL DISTURBANCES. SKIN: IRRITATION, DRYNESS, ITCHING, CRACKING, BURNING, REDNESS, & SWELLING. INHALATION: HARMFUL. INGESTION: HARMFUL & CORROSI VE.
Medical Cond Aggravated By Exposure: N/R
First Aid: INGESTION: DON'T INDUCE VOMITING. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WIPE OFF W/WATERLESS HAND CLEANER & WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL R ESPIRATION & OTHER SUPPORTIVE MEASURES AS REQUIRED. OBTAIN MEDICAL ATTENTION IN ALL CASES.
Spill Release Procedures: PROVIDE MAXIMUM VENTILATION. REMOVE ALL SOURCES OF IGNITION. TAKE UP SPILLED MATERIAL W/SAWDUST, VERMICULITE, OR OTHER ABSORBENT MATERIAL & PLACE INTO CONTAINERS FOR DISPOSAL. WEAR PROTECTIVE EQUIPMEN T.
Neutralizing Agent: N/K
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY. COMBUSTIBLE LIQUID.
Handling And Storage Precautions: DONT STORE >120F. AVOID WELDING, BRAZING, OR FLAME-CUTTING ON SURFACES COATED W/PRODUCT. IQUIDS.
Other Precautions: AVOID INHALATION OF VAPOR OR SPRAY MIST.

Fire and Explosion Hazard Information

Flash Point Method: PMCC
Flash Point:
Flash Point Text: N/R
Autoignition Temp:
Autoignition Temp Text: N/A
Lower Limits: N/R
Upper Limits: N/K
Extinguishing Media: USE NFPA CLASS B EXTINGUISHER SUCH AS CO2, DRY CHEMICAL OR UNIVERSAL AQUEOUS FILM FORMING FOAM. 4
Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WEAR SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: USE WATER SPRAY TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP/POSSIBLE AUTOIGNITION/EXPLOSION WHEN EXPOSED TO EXTREME HEAT. COMBUSTIBLE LIQUID.

Physical/Chemical Properties

HCC:
NRC/State LIC No:
Net Prop WT For Ammo:
Boiling Point:
B.P. Text: 212-494.6F
Melt/Freeze Pt:
M.P/F.P Text: N/K
Decomp Temp:
Decomp Text: N/K
Vapor Pres: 17.2
Vapor Density: >AIR
Volatile Org Content %:
Spec Gravity: 1.30
VOC Pounds/Gallon:
PH: N/K
VOC Grams/Liter:
Viscosity: N/P
Evaporation Rate & Reference: (BU-AC = 100): 34
Solubility in Water: 42.6%
Appearance and Odor: VISCIOUS LIQUID W/ODOR CHARACTERISTIC OF CHEMICAL FAMILY/SOLVENTS.
Percent Volatiles by Volume: 79%
Corrosion Rate: N/K 5

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: TEMPS >120F, &OTHER SOURCES OF IGNITION, FREEZING.
Materials To Avoid: STRONG ALKALIES, MINERAL ACIDS, &OXIDIZING AGENTS.
Hazardous Decomposition Products: CO, ZINC OXIDES, OXIDES OF NITROGEN
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: N/K

Toxicological Information

Information: N/P

MSDS Transport Information

Information: N/P

Regulatory Information

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

Other Information: N/P

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