

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-324/3248-93-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas: 3248-93-9
Code: M
RTECS: ZE9705000
Code: M
Name: FUCHSIN DYE AS ADDITIVES(2 PPM)
Other REC Limits: NOT ESTABLISHED
OSHA PEL: NOT ESTABLISHED
Code: M
OSHA STEL: N/P
Code:
ACGIH TLV: NOT ESTABLISHED
Code: M
ACGIHSTEL: N/P
Code:

Control Measures

Respiratory Protection: WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE CRITERIA, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANT IN A IR AND IN ACCORDANCE WITH OSHA (29CFR 1910.134)
Ventilation: HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.
Protective Gloves: WEAR IMPERVIOUS GLOVES (MEET SPEC OF ANSI STANDARD Z87.1)
Eye Protection: SAFETY GLASSES/CHEMICAL SAFETY GOGGLES. (MEET SPEC OF ANSI STANDARD Z87.1) 5
Other Protective Equipment: Equipment WEAR PROTECTIVE CLOTHING WHICH ARE IMPERVIOUS TO THE PRODUCT FOR THE DURATION OF THE ANTICIPATED EXPOSURE IF THERE IS POTENTIAL FOR PROLONGED OR REPEATED SKIN CONTACT.
Work Hygienic Practices: PRACTICE GOOD PERSONAL HYGIENE. KEEP MATERIAL OFF CLOTHES AND EQUIPMENT. DO NOT SMOKE ANYWHERE NEAR WORK AREA.
Supplemental Safety and Health: AVOID REPEATED OR PROLONGED SKIN CONTACT OR INHALATION OF VAPORS. USE ONLY WITH ADEQUATE VENTILATION AND ELIMINATE ALL SOURCES OF HAZARDOUS OR UNINTENDED IGNITION. EXPOSURE TO ETHYL ALCOHOL ENHANCES T OXICITY HAZARDS OF OTHER MATERIALS SUCHAS CHLORINATED HYDROCARBON SOLVENTS OR DRUGS. WASH THOROUGHLY AFTER USE.

Health Hazards Data

LD50LC50Mixture: NO DATA PROVIDED BY RESPONSIBLE PARTY.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: N/P
IARC: N/P
OSHA: N/P
Health Hazards Acute And Chronic: INHALATION: EXPOSURE TO OVER 1000PPM MAY CAUSE HEADACHE, DROWSINESS AND LASSITUDE, LOSS OF APPETITE, AND INABILITY TO CONCENTRATE, IRRITATION OF THE OF THE THROAT. INGESTION: CAN CAUSE DEPRESSION OF CENTRAL NERVOUS SYSTEM, NAUSEA, VOMITING, DIARRHEA. EYE: LIQUID OR VAPOR MAY CAUSE IRRITATION. SKIN CONTACT: MAY CAUSE IRRITATION AND DEFATTING OF SKIN ON PROLONGED CONTACT.
Explanation Of Carcinogenicity: 3 NO DATA PROVIDED BY RESPONSIBLE PARTY.
Signs And Symptions Of Overexposure: INHALATION: EXPOSURE TO OVER 1000PPM MAY CAUSE HEADACHE, DROWSINESS AND LASSITUDE, LOSS OF APPETITE, AND INABILITY TO CONCENTRATE, IRRITATION OF THE OF THE THROAT. INGESTION: CAN CAUSE DEPRESSION OF CENTRAL NERVOUS SYSTEM, NAUSEA, VOMITING, DIARRHEA. EYE: LIQUID OR VAPOR MAY CAUSE IRRITATION. SKIN CONTACT: MAY CAUSE IRRITATION AND DEFATTING OF SKIN ON PROLONGED CONTACT.
Medical Cond Aggravated By Exposure: MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT INCLUDE LIVER DAMAGE AND CHRONIC IRRITATION OF THE MUCOUS MEMBRANES AND THE SKIN.
First Aid: SWALLOWING: IF VICITM IS CONSCIOUS & ABLE TO SWALLOW, HAVE VICTIM DRINK WATER OR MILK TO DILUTE. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. CALL A PHYSICIAN OR POISON CONTROL IMMEDIATELY. INDUCE VOMITING ONLY IF ADVISED BY PHYSICIAN OR POISON CONTROL. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS SPED BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLE MOUTH-TO-MOUTH. GET MEDICAL ATTENTION IMMEDIATELY. CONTACT WITH EYES/SKIN: IMMEDIATEL
Spill Release Procedures: WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. COLLECT USING ABSORBENT MEDIA. IN EVENT OF UNCONTROLLED RELEASE OF MATERIAL, USER SHOULD DETERMINE IF RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATION.
Neutralizing Agent: NO DATA PROVIDED BY RESPONSIBLE PARTY.
Waste Disposal Methods: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OF, OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES.
Handling And Storage Precautions: PROTECT CONTAINERS FROM PHYSICAL DAMAGE. DETACHED OR OUTSIDE STORAGE IS PREFERRED. INSIDE STORAGE SHOULD BE IN AN NFPA APPROVED FLAMMABLE LIQUID STORAGE ROOM OR CABINET. ALL IGNITION SOURCES SHOULD BE ELIMINATED. SMOKING SHOULD BE PROHIBITED IN THE STARGE AND USAGE AREAS.
Other Precautions: MAKE FREQUENT CAREFUL LEAKAGE INSPECTIONS. ISOLATE FROM OXIDEZERS, CHEMICALS CAPABLE OF SPONTANEOUS HEATING, MATERIALS REACTING WITH AIR OR MOISTURE TO LIBERATE HEAT, IGNITION 4 SOURCES AND EXPLOSIVES. KEEP OUT OF DIRECT SUN & AWAY FROM HEAT.

Fire and Explosion Hazard Information

Flash Point Method: TCC
Flash Point: =15.6C, 60.F
Flash Point Text:
Autoignition Temp: =362.8C, 685.F
Autoignition Temp Text:
Lower Limits: 3.3
Upper Limits: 19.0
Extinguishing Media: USE DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE; WATER MAY BE INEFFECTIVE, BUT WATER SHOULD BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE PRESSURE MODE WITH A FULL FACE PIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES, OR HAZARDOUS DECOMPOSITION PRO DUCTS.
Unusual Fire/Explosion Hazard: IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT MEN ATTEMPTING TO S A LEAK. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES AND TO DILUTE SPIL LS TO NONFLAMMABLE MIXTURES.

Physical/Chemical Properties

HCC: F2
NRC/State LIC No: N/R
Net Prop WT For Ammo:
Boiling Point: =78.3C, 173.F
B.P. Text:
Melt/Freeze Pt: =-113.9C, -173.F
M.P/F.P Text:
Decomp Temp:
Decomp Text: N/P
Vapor Pres: 44.6MMHG @68F
Vapor Density: 1.59
Volatile Org Content %:
Spec Gravity: 0.8158@ 60/60F
VOC Pounds/Gallon:
PH: N/P
VOC Grams/Liter:
Viscosity: N/P
Evaporation Rate & Reference: 2.7 N-BUTYL ACET
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR,COLORLESS LIQUID
Percent Volatiles by Volume: 99.9
Corrosion Rate: N/P 6

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: GENERALLY STABLE.
Materials To Avoid: CONTACT WITH ACETYL CHLORIDE AND A WIDE RANGE OF OXIDIZING AGENTS MAY REACT VIOLENTLY.
Hazardous Decomposition Products: CARBON MONOXIDE CAN FORM ON INCOMPLETE COMBUSTION.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT LIKELY.

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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