

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

ACGIH STEL:

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 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 TOXICITY HAZARDS OF OTHER MATERIALS SUCHAS CHLORINATED HYDROCARBON SOLVENTS OR DRUGS. WASH THOROUGHLY AFTER USE.

Health Hazards Data

LD50/LC50 Mixture:

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 Symptoms 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 VICTIM 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: IMMEDIATE

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 CONTAINERS, COOL, OR CARBON DIOXIDE; WATER MAY BE INEFFECTIVE, BUT WATER SHOULD BE USED TO KEEP FIRE EXTINGUISHED.

EXPOSE CONTAINERS, COOL, OR CARBON DIOXIDE; WATER MAY BE INEFFECTIVE, BUT WATER SHOULD BE USED TO KEEP FIRE EXTINGUISHED.

Fire Fighting Procedures:

IF THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES, OR HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:

IF A LEAK OR SPILL HAS 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 FROM EXPOSURES AND TO DILUTE SPILLS TO NONFLAMMABLE MEDIUMS.

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Physical/Chemical Properties

HCC:

F2

NRC/State IC 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:

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

Percent Volatiles by Volume:

99.9

Corrosion Rate:

N/P 6

Reactivity Data

Stability Indicator:

YES

Stability And Chemical Incompatibility:

GENERALLY STABLE

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

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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