

BIO BASIC INC.

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MATERIAL SAFETY DATA SHEET

REQUIRED UNDER SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING

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SECTION 1. ----- CHEMICAL IDENTIFICATION-----

Product name : Basic Fuchsin
Product Number : BB1111

SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Synonyms : Paramagentahydrochloride
Pararosanilinehydrochloride
Pararosaniline chloride
Magenta® O
Basic Red 9
Basic Parafuchsin
Parafuchsinhydrochloride
Formula : C₁₉H₁₇N₃ · HCl
Molecular Weight : 323.82 g/mol
CAS-No. EC-No. Index-No. Concentration
C.I. Basic red 9
569-61-9 209-321-2 611-031-00-X –

SECTION 3. ----- HAZARDS IDENTIFICATION -----

Emergency Overview
Target Organs
Liver, Thyroid., Skin, Bladder, Pituitary.
WHMIS Classification
D2A Very Toxic Material Causing Other Toxic
Effects
Carcinogen
HMIS Classification
Health Hazard: 1
Chronic Health Hazard: *
Flammability: 0
Physical hazards: 0
Potential Health Effects
Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.

SECTION 4. ----- FIRST-AID MEASURES-----

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Flammable properties
Flash point no data available
Ignition temperature no data available
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----

Personal precautions
Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Evacuate personnel to safe areas.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods for cleaning up
Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

SECTION 7. ----- HANDLING AND STORAGE-----

Handling
Avoid exposure - obtain special instructions before use. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage
Keep container tightly closed in a dry and well-ventilated place.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Contains no substances with occupational exposure limit values.
Personal protective equipment
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection
Handle with gloves.
Eye protection
Safety glasses
Skin and body protection
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance
Form solid
Safety data
pH no data available
Melting point 268 - 270 °C (514 - 518 °F)
Boiling point no data available
Flash point no data available
Ignition temperature no data available
Lower explosion limit no data available
Upper explosion limit no data available
Water solubility no data available
Partition coefficient:
n-octanol/water
log Pow: -0.21

SECTION 10. ----- STABILITY AND REACTIVITY -----

Storage stability
Stable under recommended storage conditions.
Materials to avoid
Strong oxidizing agents
Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx),
Hydrogen
chloride gas

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

Acute toxicity
LD50 Oral - mouse - 5,000 mg/kg
Irritation and corrosion
no data available
Sensitisation
no data available
Chronic exposure
This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.
IARC: Group 2B - Possibly carcinogenic to humans (C.I. Basic red 9)
Genotoxicity in vitro - rat - Liver
Unscheduled DNA synthesis
Genotoxicity in vivo - mouse - Oral
DNA damage
Potential Health Effects
Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May cause eye irritation.
Ingestion May be harmful if swallowed.
Target Organs Liver, Thyroid., Skin, Bladder, Pituitary.,
Additional Information
RTECS: CX9850100

SECTION 12. ----- ECOLOGICAL INFORMATION -----

Elimination information (persistence and degradability)
no data available

Ecotoxicity effects
no data available
Further information on ecology
no data available

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Product

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

SECTION 14. ----- TRANSPORT INFORMATION -----

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. ----- REGULATORY INFORMATION -----

DSL Status

All components of this product are on the Canadian DSL list.

WHMIS Classification

D2A Very Toxic Material Causing Other Toxic

Effects

Carcinogen

SECTION 16. ----- OTHER INFORMATION -----

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BBI shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.