

ETHIDIUM BROMIDE

HAZARDS IDENTIFICATION

NFPA Eating: Health: 2, Flammability: 0, Instability: 0

-Potential Health Effects:

Might cause irritation In the eyes and skin

Might cause gastrointestinal irritation with nausea, vomiting and diarrhea

Might cause respiratory tract, including headaches, dizziness and drowsiness, and cyanosis, rapid heart rate and chocolate brown blood.

Chronic exposure to this substance might cause methemoglobinemia, cyanosis, unconsciousness and possible death. It may alter the genetic material

-Pictogram:



ACCIDENTAL RELEASE AND FIRST AID MEASURES

-First aid measures:

Eyes: Flush eyes with water for at least 15 minutes and get medical aid

Skin: Clean the skin with plenty of water

Ingestion: Get immediate medical help. Do not induced vomit unless instructed so.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. Get medical aid.

-Personal precautions

Ingestion and inhalation of this substance should be avoided with the protection of appropriate equipment.

-Methods and materials for containment and cleaning up

Spills and/or leaks: Absorb the water with an inert material and place in the appropriate disposal container. Provide ventilation.

HANDLING AND STORAGE

Precautions for safe handling include eyes, digestive tract and clothing

-Conditions for safe storage

Keep container tightly closed in a cool, dry and well-ventilated place.

MORE INFORMATION

-Properties

Molecular formula: $C_{21}H_{20}BrN_3$

Molar mass: 394.294 g/mol

Appearance: Purple-red solid

Melting point: 260 - 262 °C

Solubility in water: ~ 40 g/l