

identification of substance

Product name : Methylene Blue Stain Powder and Solution.

Trade name : Methylene Blue.

Supplier : Brunel Microscopes Ltd, Unit 2 Vincients Road, Bumpers Farm Industrial Estate,
Bumpers Way. Chippenham. SN14 6NQ.

Tel : (+44) (0) 1249 462655

Fax : (+44) (0) 1249 445156

hazard identification



Harmful

Information on particular dangers for man and environment:

May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

first aid measures

General Information : If any symptoms occur seek medical advice.

After Inhalation : Remove to fresh air. Give oxygen if required.

After Eye contact : Flush with copious amounts of water for at least 15 minutes.

After Skin contact : Wash thoroughly with soap and water.

After Ingestion : Give 2-4 glasses of water. Get medical attention immediately.

fire fighting measures

Suitable extinguishing agents : Use extinguishing media most appropriate for the surrounding fire.

Protective equipment: put on breathing apparatus.

accidental release measures

Person - related safety precautions : Ensure adequate ventilation.

Measures for environmental protection : Clean up spills immediately. Sweep up, then place into a suitable container for disposal.

handling and storage

Information for safe handling : Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Minimize dust generation and accumulation.

Storage : Store in a cool, dry area in a tightly closed container. Store away from incompatible substances.

physical and chemical properties

General information

Form : Solid.

Colour : Dark Blue.

Odour : Odourless.

Boiling point : Decomposes.

Melting point : 190 degrees C

Flash point : Not known.

Solubility in water : Soluble.

stability and reactivity

Conditions to be avoided: Dust generation, excess heat and excess light.

Dangerous reactions: Reactions with oxidising agents, reducing agents, bases, dichromates, alkali iodides, and caustic alkalis.

toxicological information

Primart irritation effect.

After Eye contact: May cause chemical conjunctivitis. Causes eye irritation and possible injury.

After Skin contact: Absorption into the body may cause cyanosis (bluish discolouration of the skin).

After ingestion: May cause gastrointestinal irritation with nausea and vomitting. May be harmful if swallowed.

After inhalation: Causes respiratory tract irritation. May cause methemoglobinemia, cyanosis, convulsions, tachycardia, dyspnea (laboured breathing), and death.

ecological information

No information available.

disposal considerations

Recommendation : Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

regulatory information

Harmful if swallowed.

disclaimer

This data is based on our present knowledge. However, they do not constitute a guarantee for any specific product, and does not establish a legally valid contractual relationship.