

identification of substance

Product name : Safranin Stain Powder.

Trade name : Safranin.

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



Toxic

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, occasionally lifting the upper and lower eyelids.

After Skin contact : Wash thoroughly with soap and water.

After Ingestion : Call a poison control centre. If swallowed do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

fire fighting measures

Suitable extinguishing agents : Use water spray, dry chemical, carbon dioxide, or chemical foam. Do not use straight streams of water.

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. Avoid contact with heat, sparks and flame.

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

physical and chemical properties

General information

Form : Fluid.

Colour : Red.

Odour : Pungent Odour.

Boiling point : Not known.

Melting point : Not known.

Flash point : Not known.

Solubility in water : Soluble.

stability and reactivity

Conditions to be avoided: Incompatible materials, ignition sources, and excess heat.

Dangerous reactions: Reactions with acetic anhydride, acetyl bromide, ammonia and silver nitrate, disulfuric acid and nitric acid, dichloromethane and sulfuric acid, disulfuryl difluoride, magnesium perchlorate, nitric acid and silver, oxidants, phosphorus (III) oxide, platinum, potassium tert-butoxide, silver nitrate, silver oxide, sodium and tetrachlorosilane.

toxicological information

After Eye contact: Produces irritation, characterized by a burning sensation, redness, tearing inflammation and possible corneal injury. Vapours may cause irritation.

After Skin contact: Causes skin irritation. May be absorbed through the skin in harmful amounts.

After ingestion: May cause kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.

After inhalation: Harmful if inhaled. May cause respiratory tract irritation. May cause liver and kidney damage. May cause narcotic effects in high concentration.

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

The chemicals in this product are considered highly hazardous.

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.