SAFETY DATA SHEET

ERIOCHROME BLACK T

Compilation date: 17/04/2008

Revision date: 26/05/2015

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ERIOCHROME BLACK T

CAS number: 1787-61-7

EINECS number: 217-250-3

Product code: E-10082

Synonyms: MORDANT BLACK 11

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Laboratory chemicals.Manufacture of substances.

1.3. Details of the supplier of the safety data sheet

Company name: Park Scientific Limited

24 Low Farm Place

Moulton Park

Northampton

Northamptonshire

NN3 6HY

UK

Tel: 01604 646945

Fax: 01604 648241

Email: info@parkscientific.com

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: ERIOCHROME BLACK T

Contains: Organic dye

[cont...]

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Quantitative data on the toxicity of this product are not available. May be harmful if absorbed through skin.

Eye contact: There may be irritation and redness.

Ingestion: May be harmful if swallowed. Quantitative data on the toxicity of this product are not available.

Inhalation: Quantitative data on the toxicity of this product are not available. May be harmful.

Delayed / immediate effects: To the best of our knowledge,the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of sulphur oxides. sodium oxides

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

[cont...]

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Mix solids with wet sand. Avoid generation of dusts. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance. Avoid contact with skin and eyes. Contaminated clothing should be removed and washed before re-use. Wash hands after working with substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Avoid contact with water or humidity.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	None assigned	-	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Use only in a chemical fume hood.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: Black

[cont...]

Odour: Odourless

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Viscosity: Non-viscous

Flammability limits %: lower: No data **Flash point°C:** No data

Autoflammability°C: No data

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Moist air.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. The possibility of reaction with other substances cannot be excluded

10.6. Hazardous decomposition products

Haz. decomp. products: No further data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	17,590	mg/kg

Symptoms / routes of exposure

Skin contact: Quantitative data on the toxicity of this product are not available. May be harmful if absorbed through skin.

Eye contact: There may be irritation and redness.

Ingestion: May be harmful if swallowed. Quantitative data on the toxicity of this product are not available.

[cont...]

Inhalation: Quantitative data on the toxicity of this product are not available. May be harmful.

Delayed / immediate effects: To the best of our knowledge,the chemical, physical, and toxicological properties have not been thoroughly investigated.

Other information: RTECS: Not available

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
FATHEAD MINNOW	96H LC50	6	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No Data Available

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Adverse ecological effects cannot be excluded in the event of improper handling or disposal. Do not allow to enter Drinking Water supplies, Waste Water,Soil! Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: N/A

14.2. UN proper shipping name

[cont...]

14.3. Transport hazard class(es)

14.4. Packing group

Packing group: N/A

14.5. Environmental hazards

Environmentally hazardous: No **Marine pollutant:** No

14.6. Special precautions for user

Special precautions: Not dangerous goods for :ADR/RID:IMDG:IATA:

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.