



SAFETY DATA SHEET

Date of issue: 31/05/07

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No: 115928

ID No.: 3420100

Product name: **Sudan black B (CI26150) for microscopy, Certistain®**

Use of the substance/preparation: Dye/stain

Manufacturer/supplier identification

Company: VWR International Ltd., Hunter Boulevard, Lutterworth,
Leics, LE17 4XN, England
Telephone : + 44 (0) 1455 207000 Telefax : + 44 (0) 1455 558586
E-mail: product.support@uk.vwr.com

Emergency telephone No.: + 44 (0) 1455 207000

2. Hazards identification

Not classified as dangerous according to EC Directives.

3. Composition/information on ingredients

Chemical characterization

Organic dye

Product name: Sudan black B

CAS number: 4197-25-5

EC-No.: 224-087-1

Molecular formula: $C_{27}H_{21}N_6 = 456.55$ g/mol

4. First-aid measures

- Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists, obtain medical attention.
- Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
- Skin contact: Wash off thoroughly with soap and water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.
- Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Special risks:

Combustible.

May evolve toxic fumes in fire. (oxides of nitrogen)

Suitable extinguishing media:

Foam, dry powder or carbon dioxide

6. Accidental release measures

Wear appropriate protective clothing.

Mix with dry sand, transfer carefully to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Handling:

Do not breathe dust. Avoid contact with skin and eyes. Wash hands and face thoroughly after working with material.

Contaminated clothing should be removed and washed before re-use.

Use appropriate containment to avoid environmental contamination.

Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. Exposure controls/personal protection

UK Exposure Limits:

None assigned

Personal protective equipment:

As appropriate to the situation and the quantity handled.

- Respirator: Dust respirator when dusts are generated.
- Ventilation: Extraction hood when dusts are generated.
- Gloves: Rubber or plastic
- Eye Protection: Goggles or face-shield
- Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

9. Physical and chemical properties

General information:

| | |
|---------|-----------|
| Form: | solid |
| Colour: | black |
| Odour: | odourless |

Health, safety and environmental information:

| | |
|--------------------------|-----------------------|
| Melting temperature | 150-154°C |
| Bulk density: | ~0.2g/ml |
| Solubility in water | Practically insoluble |
| Flash point | Not applicable |
| Explosion limits: lower: | No data |

10. Stability and reactivity

Stable.

No data

11. Toxicological information

Hazardous properties cannot be excluded.

Possible effects:

- After eye contact: May cause staining.

The product should be handled with the care usual when dealing with chemicals.

Further data

LD50 >15,000mg/kg oral, rat

No evidence of eye irritation.

No evidence of skin irritation.

12. Ecological information

Adverse ecological effects cannot be excluded in the event of improper handling or disposal.

Remarks:

Do not allow to enter drinking water supplies, waste water, or soil!

13. Disposal considerations

Chemical residues are generally classified as hazardous or 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. Rinse out empty containers thoroughly before returning for recycling.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC directives

Not classified as dangerous according to EC Directives.

EC-No.: 224-087-1

Local Regulations

16. Other information

In TSCA Inventory.

Revision.
Supersedes issue of 19/08/02
Changes in Section : 5,7,11

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