



SAFETY DATA SHEET

FUCHSIN BASIC

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Compilation date: 01/04/2009

Revision date: 02/06/2015

Revision No: 1

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

1.1. Product identifier

Product name: FUCHSIN BASIC

CAS number: 58969-01-0

Product code: F-10328

Synonyms: BASIC VIOLET 14

MAGENTA

ROSANILINE

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: Acute Tox. 4: H302; Carc. 2: H351

Classification under CHIP: Xn: R40; Xn: R22

Most important adverse effects: Harmful if swallowed. Suspected of causing cancer.

2.2. Label elements

Label elements under CLP:

Hazard statements: H302: Harmful if swallowed.

H351: Suspected of causing cancer.

Signal words: Warning

Hazard pictograms: GHS08: Health hazard

GHS07: Exclamation mark

[cont...]

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Precautionary statements: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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: FUCHSIN BASIC

Contains: Organic dye

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. Give 1 cup of water to drink every 10 minutes. 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. Irritant may cause staining

Eye contact: May cause staining. There may be irritation and redness.

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

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. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

[cont...]

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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.

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. Under no circumstances eat, drink or smoke while handling this material. Avoid generation of dusts. Change contaminated clothing. Wash hands after working with substances.

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. Storage class(TRGS510):Non combustible Solids.

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

[cont...]

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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 glasses with side-shields.

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: Dark green

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Viscosity: Non-viscous

Melting point/range°C: 205

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 recommended 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.

[cont...]

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10.5. Incompatible materials

Materials to avoid: 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

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Based on test data
Carcinogenicity	--	Based on test data

Symptoms / routes of exposure

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

Eye contact: May cause staining. There may be irritation and redness.

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

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
ORYZIAS LATIPES	48H LC50	4.3	mg/l

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.

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.

[cont...]

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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 life

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

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.

Phrases used in s.2 and 3: H302: Harmful if swallowed.

[cont...]

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H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R22: Harmful if swallowed.

R40: Limited evidence of a carcinogenic effect.

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.