

Safety Data Sheet

According to EC Directive 91/155/EEC

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

Identification of the product: Fuchsine Conc. Watery

Product name: Fuchsine Conc. Watery

Company / undertaking identification:

Company:

Emergency telephone No.:

Telefax:

2. Composition / information on ingredients

Chemical characterization:

Formula Hill: $C_{20}H_{20}ClN_3$

Symbol:

R-phrases:

S-phrases:

CAS-number: 632-99-5

EC-number: 211-189-6

M: 377.85 g/mol

Content: 1 %

3. Hazards identification

No hazardous product as specified in Directive 67/548/EEC.

4. First aid measures

After inhalation: fresh air.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open.

After swallowing: make victim drink plenty of water, induce vomiting. Call in physician.

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5. Fire-fighting measures

Suitable extinguishing media: Water, foam, powder.

Special risks: Non-combustible. Ambient fire may develop hazardous combustion gases or vapours. The following may develop in event of fire: hydrochloric acid, nitrogen oxides.

Special protective equipment for fire fighting: Do not stay in dangerous zone without self-contained breathing apparatus.

Other information: Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Procedures for cleaning / absorption: Take up with liquid absorbent material. Forward for disposal. Clean up affected area.

Person-related precautionary measures: Avoid inhalation of vapours / aerosols.

Environmental-protection measures: Do not allow to enter sewerage system.

7. Handling and storage

Handling: No further requirements.

Storage: Tightly closed. Dry. At +15°C to +25°C.

8. Exposure controls / personal protection

Specific control parameter:

Personal protective equipment:

Respiratory protection: required when vapours / aerosols are generated.

Eye protection: required

Hand protection: Glove material: nitrile rubber

Layer thickness: 0.11 mm

Breakthrough time: > 480 Min.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374. The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene: Change contaminated clothing. Wash hands after working with substance.

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9. Physical and chemical properties

Form:	liquid
Colour:	red
Odour:	almost odourless
pH value:	not available
Melting point:	~ 0 °C
Boiling point:	~ 100 °C
Ignition temperature:	not available
Flash point:	not available
Explosion limits	lower: not available upper: not available
Density:	not available
Bulk density:	not available
Solubility in water:	(20°C) soluble

10. Stability and reactivity

Conditions to be avoided:	no information available.
Substances to be avoided:	no information available.
Hazardous decomposition products:	in the event of fire: See chapter 5.

11. Toxicological information

Acute toxicity:

Quantitative data on the toxicity of this product are not available.

Further toxicological information:

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Other notes:

The following applies to aromatic amines in general: systemic effect: methaemoglobinaemia with headache, cardiac dysrhythmia, drop in blood pressure, dyspnoea, and spasms, principal symptom: cyanosis (blue discoloration of the blood).

Further data:

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

12. Ecological information

Ecotoxic effects:	Quantitative data on the ecological effect of this product are not available.
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Further ecologic data:	Do not allow to enter waters, waste waters, or soil!
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13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC Directives:

Symbol: ---

R-phrases: ---

S-phrases: ---

German regulations:

Storage class VCI: 10-13

Water pollution class: 3 (highly polluting substance) VwVwS Anh. 2 KennNr. 857

16. Other information

Reason for alteration

General update.

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