

Safety Data Sheet

Fuchsine Conc. Watery

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

2 | COMPOSITION / INFORMATION ON INGREDIENTS CHEMICAL CHARACTERIZATION:

Formula Hill	$C_{20}H_{20}ClN_3$
Symbol	-
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

5 | FIRE-FIGHTING MEASURE

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.

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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

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

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12| ECOLOGICAL INFORMATION

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

13| DISPOSAL CONSIDERATIONS

Product	Chemicals must be disposed of in compliance with the respective national regulations
Packaging	Packaging must be disposed of in compliance with the country-specific regulations

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