

# Safety Data Sheet

## Azocarmine-Acetic Acid

According to EC Directive 91/155/EEC

### 1 | IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

<b>Identification of the product</b>	Azocarmine-Acetic Acid
<b>Product name</b>	Azocarmine-Acetic Acid

### 2 | COMPOSITION / INFORMATION ON INGREDIENTS CHEMICAL CHARACTERIZATION:

<b>Chemical characterization</b>	Aqua distil, Azocarmine alloy, acetic acid
<b>Formula Hill</b>	-
<b>Symbol</b>	-
<b>CAS-number</b>	64-19-7
<b>EC-number</b>	200-580-7
<b>Content</b>	~ 1%

### 3 | HAZARDS IDENTIFICATION

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

### 4 | FIRST AID MEASURES

<b>After inhalation</b>	Fresh air. Call in physician
<b>After skin contact</b>	Wash off with plenty of water. Remove contaminated clothing
<b>After eye contact</b>	Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open
<b>After swallowing</b>	Make victim drink plenty of water (if necessary several litres), avoid vomiting (risk of perforation !). Immediately call in physician

### 5 | FIRE-FIGHTING MEASURE

<b>Suitable extinguishing media</b>	Water, CO <sub>2</sub> , foam, powder
<b>Special risks</b>	Non-combustible. Development of hazardous combustion gases or vapours possible in the event of fire
<b>Special protective equipment for fire fighting</b>	Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep safety distance and wear suitable protective clothing
<b>Other information</b>	Prevent fire-fighting water from entering surface water or groundwater. Contain escaping vapours with water

### 6 | ACCIDENTAL RELEASE MEASURES

<b>Procedures for cleaning / absorption</b>	Take up with liquid-absorbent material. Forward for disposal. Clean up affected area
<b>Person-related precautionary measures</b>	Do not inhale vapours / aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms
<b>Environmental-protection measures</b>	Do not allow to enter sewerage system

### 7 | HANDLING AND STORAGE

<b>Handling</b>	No further information
<b>Storage</b>	Tightly closed in a well-ventilated place, away from sources of ignition and heat. At +15°C to +25°C

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### 8 | EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Specific control parameter

##### EC

Name	Acetic acid
Value	10 ml/m <sup>3</sup>
	25 ml/m <sup>3</sup>

#### 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. Application of skin- protective barrier cream recommended
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### 9 | PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	Violet
Odour	Characteristic
pH value	not available
Melting point	not available
Boiling point	not available
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	Strong heating
Substances to be avoided	Oxidizing agents: (i.a. CrO <sub>3</sub> , potassium permanganate, peroxi compounds, perchloric acid, chromosulfuric acid), acetic acid anhydride/ water, alcohols, halogen-halogen compounds, metals (iron, zinc, magnesium (generation of hydrogen)), alkali hydroxides, nonmetallic halides, ethanolamine
Hazardous decomposition products	In the event of fire: See chapter 5
Further information	Flammable. Incompatible with various metals. Explosible with air in vaporous / gaseous state when heated

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### 11 | TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Quantitative data on the toxicity of this product are not available
<b>Further toxicological information</b>	
After inhalation of vapours	Irritation symptoms in the respiratory tract. Pneumonia bronchitis. Inhalation may lead to the formation of oedemas in the respiratory tract
After skin contact	Irritation
After eye contact	Irritation. Risk of corneal clouding
After swallowing	Irritations in mouth, throat, oesophagus and gastrointestinal tract. Risk of perforation in the oesophagus and stomach. Nausea, vomiting. Pulmonary failure possible after aspiration of vomit
<b>Further data</b>	Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals

### 12 | ECOLOGICAL INFORMATION

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

### 13 | DISPOSAL CONSIDERATIONS

<b>Product</b>	Chemicals must be disposed of in compliance with the respective national regulations
<b>Packaging</b>	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