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## SAFETY DATA SHEET

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### 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

*Identification of the substance/mixture:*

Name: 1% Carbol-Fuchsin  
Product code: LSB-07  
Abbreviation: KARB1  
Use: Staining agent for the staining of Campylobacter.

*Company/undertaking identification:*

Name: EnviroLab s.r.o.  
Address: Galvaniho 7, 821 04 Bratislava  
Phone: +421-2-69 307 112 Fax: +421-2-64 774 131  
Place of business: Obchodná ulica 7, 946 51 Nesvady  
Phone: +421-35-790 29 11

*Emergency line:*

Organization: National Toxicological Information Center, Limbová 5, 833 05 Bratislava  
Phone: +421-2-54 774 166

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### 2 – HAZARD IDENTIFICATION

The product is not classified as dangerous according to EU directives.

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### 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:

INDEX	CAS	EC	Name	Classification	%
611-031-00-X	569-61-9	209-321-2	C.I. Basic Red 9	H350	1

For the full text of the H-statements specified in this section, see Section 16.

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### 4 – FIRST AID MEASURES

Following inhalation:

Move the victim to fresh air.

Following eye contact:

Rinse the eyes with eyelids open under running water for a few minutes.

Following skin contact:

Wash the affected areas with plenty of water. Remove contaminated clothing.

Following ingestion:

Allow victim to drink plenty of water. Call the doctor immediately.

## 5 – FIRE-FIGHTING MEASURES

### Suitable extinguishing media:

To extinguish use a water, snow, foam or powder fire extinguisher, depending on the materials stored in the immediate vicinity.

### Special hazards:

Flammable. In the event of fire, hazardous vapors or fumes may develop.

In the event of fire, the following may develop: oxides of nitrogen, hydrochloric acid.

### Special protective equipment for firefighters and firefighting unit equipment:

Do not stay in a hazardous area without an insulating respirator. To avoid contact with the skin, observe a safe distance and wear suitable protective clothing.

### Additional information:

Capture the resulting vapors with water. Prevent the penetration of fire-extinguishing water into surface and underground water.

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## 6 – ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Avoid contact with the substance. Do not inhale fumes / aerosols. Provide fresh air supply in confined spaces.

### Environmental precautions:

Avoid penetration into the drainage system.

### Cleaning methods:

Remove with absorbent material. Send for disposal. Clean the affected area.

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## 7 – HANDLING AND STORAGE

### Handling:

No further requirements.

### Storage:

Store tightly closed in a well ventilated place. Store at 5 – 25 °C.

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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Specific control parameter:

EC

Name	C.I. Basic Red 9
Carcinogenic	C2: (must be considered as carcinogenic for humans)

### Personal protective equipment:

For a specific workplace, it is necessary to choose specific work clothes, depending on the concentration and amount of dangerous substances being handled. The resistance of chemical protective clothing must be checked with the supplier concerned.

### Hand protection:

Use disposable vinyl gloves.

### Eye protection:

Use safety glasses.

### Respiratory protection:

Required if vapors / aerosols are formed.

#### General hygiene:

Immediately replace contaminated clothing. Use a lotion as a protective barrier. After work, wash your hands and face. Work with the suction chamber. Do not inhale the substance.

For more detailed information, see Section 11 – Toxicological Information

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

#### Basic information:

Physical state:	liquid
Color:	green
Odor:	almost odorless
pH value:	5 - 6 (at 25 °C)
Boiling point / distillation range:	100 °C

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## 10 – STABILITY AND REACTIVITY

#### Conditions to be avoided:

No information available.

#### Substances to be avoided:

Strong oxidizing agents.

#### Hazardous decomposition products:

In the event of fire, the following may develop: oxides of nitrogen, hydrochloric acid.

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## 11 – TOXICOLOGICAL INFORMATION

#### Acute toxicity:

Quantitative data on the toxicity of this product are not available

#### Subacute to chronic toxicity:

Experiments performed on animals under conditions comparable to the situation at the workplace have shown that the substance is carcinogenic (external safety data sheet).

#### Additional toxicological data:

Applies to the toxicologically determinant component:

Long-term rat and mouse feeding studies have shown increased incidence of tumors in various target organs (external safety data sheet).

Other notes: For aromatic amines, the following applies in general: Systematic effect: metamoglobin anemia with headache, cardiac arrhythmia, decreased blood pressure, shortness of breath and convulsions; main symptom: cyanosis (blue blood).

#### Additional information:

Other dangerous properties cannot be excluded.

The product should be handled with caution usual for chemicals handling.

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## 12 – ECOLOGICAL INFORMATION

#### Ecotoxic effects:

Quantitative data on the ecological effects of this product are not available.

#### Other ecological data:

Prevent penetration into water, sewage and soil!

### 13 – DISPOSAL MEASURES

**Product:**

The product is hazardous waste and must be disposed of in accordance with valid legislation.

**Packaging:**

The product packaging must be disposed of in accordance with applicable legislation.

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### 14 – TRANSPORT INFORMATION

Not subject to transport regulations.

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### 15 – REGULATORY INFORMATION

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### 16 – OTHER INFORMATION

**Full text of H-data used in the Safety Data Sheet:**

H350 May cause cancer.

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*The information provided in this Safety Data Sheet is based on the current state of our knowledge.  
It characterizes the product with respect to the adequate safety precautions. It does not represent any guarantee of the product's properties.*