



S a f e t y   D a t a   S h e e t  
According to Regulation (EC) 1907/2006  
and (EU) 453/2010

## 1333 Fuchsin Basic-Carbol solution according to Ziehl

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Name:

Fuchsin Basic-Carbol solution according to Ziehl

**REACH Registration Number:** A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) N° 1907/2006, the annual tonnage does not require a registration, the registration is envisaged for a later registration deadline or it is a mixture.

#### 1.2 Relevant identified uses of the substance or mixture:

For laboratory utilisation, analysis, research and fine chemistry.

#### 1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: [product.safety@panreac.com](mailto:product.safety@panreac.com)

#### 1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

### 2. Identification of dangers

#### 2.1 Classification of the substance or the mixture.

## Classification Regulation (CE) n° 1272/2008.

Flam. Liq. 2  
Acute Tox. 4  
Acute Tox. 4  
Eye Irrit. 2  
Skin Irrit. 2  
Muta. 2

## Classification (67/548/CEE or 1999/45/CE).

Xn Harmful

R36/38  
R21/22  
R10  
R68

## 2.2 Label elements:

### Hazard Pictograms



### Signal word

Danger

### Hazard statements

H225 Highly flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H341 Suspected of causing genetic defects.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 Use only non-sparking tools.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

For the full text of the R-phrases mentioned in this section, see section 16.

## 2.3 Other hazards:

No further relevant information available.

### 3. Composition/information on ingredients

Dyestuff solution

Name: Fuchsin Basic-Carbol solution according to Ziehl

#### COMPOSITION:

##### 0001: Ethanol absolute

Formula: CH<sub>3</sub>CH<sub>2</sub>OH M.= 46,07 CAS [64-17-5]  
EC number (EINECS): 200-578-6  
EC index number: 603-002-00-5  
REACH Registration Number: 01-2119457610-43-XXXX

**Content:** >= 5 %

#### Classification Regulation (CE) n° 1272/2008.

Flam. Liq. 2

#### Hazard Pictograms



#### Signal word

Danger

#### Hazard statements

H225 Highly flammable liquid and vapour.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves, protective clothing, eye protection or face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378 In case of fire: Use for extinction.

P403+P235 Store in a well-ventilated place. Keep cool.

#### Classification (67/548/CEE or 1999/45/CE).

**F** Highly flammable      **R11** Highly flammable.

## 0002: Phenol

Formula: C<sub>6</sub>H<sub>6</sub>O M.= 94,11 CAS [108-95-2]

EC number (EINECS): 203-632-7

EC index number: 604-001-00-2

REACH Registration Number: 01-2119471329-31-XXXX

**Content:** >= 1 % <= 5 %

### Classification Regulation (CE) n° 1272/2008.

Acute Tox. 3

Acute Tox. 3

Acute Tox. 3

Skin Corr. 1B

Muta. 2

### Hazard Pictograms



### Signal word

Danger

### Hazard statements

H331 Toxic if inhaled.

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H373 May cause damage to organs through prolonged or repeated exposure.

H341 Suspected of causing genetic defects.

### **Precautionary statements**

- P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P261 Avoid breathing dust, fume, gas, mist, vapours or spray.  
P264 Wash...thoroughly after handling.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves, protective clothing, eye protection or face protection.  
P281 Use personal protective equipment as required.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P311 Call a POISON CENTER or doctor/physician.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P314 Get medical advice/attention if you feel unwell.  
P321 Specific treatment (see on this label).  
P322 Specific measures (see on this label).  
P330 Rinse mouth.  
P338 Remove contact lenses, if present and easy to do. Continue rinsing.  
P361 Remove/Take off immediately all contaminated clothing.  
P363 Wash contaminated clothing before reuse.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

### **Classification (67/548/CEE or 1999/45/CE).**

**C** Corrosive  
**T** Toxic

**R68** Possible risk of irreversible effects.

**R48/20/21/22** Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

**R34** Causes burns.

**R23/24/25** Toxic by inhalation, in contact with skin and if swallowed.

## **4. First aid measures**

### **4.1 General indications:**

Never provide drink or induce vomiting in the event of loss of consciousness.

#### **4.2 Inhaling:**

Take the person out into the fresh air.

#### **4.3 Contact with the skin:**

Wash with plenty of water. Remove contaminated clothing. In the event of irritation, seek medical assistance.

#### **4.4 Eyes:**

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. In the event of irritation, seek medical assistance.

#### **4.5 Swallowing:**

Drink large amounts of water. Induce vomiting. Call for medical help.

### **5. Firefighting measures**

#### **5.1 Suitable extinguishing media:**

Water. Carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam. Dry powder.

#### **5.2 Unsuitable extinguishing media:**

No specific data.

#### **5.3 Special hazards arising from the substance or mixture:**

Flammable. Keep away from sources of ignition. Auf Rückzündung achten

#### **5.4 Advice for firefighters:**

Suitable clothing and footwear.

### **6. Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

Do not inhale the fumes.

#### **6.2 Environmental precautions:**

Do not allow it to enter the drainage system. Avoid pollution of the soil, water supplies and drains.

#### **6.3 Methods and material for containment and cleaning up:**

Collect up with absorbent materials (Panreac General Absorbent, Kieselguhr, etc.) or, if none available, dry sand or earth, and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

### **7. Handling and storage**

#### **7.1 Precautions for safe handling:**

No special indications.

#### **7.2 Conditions for safe storage, including any incompatibilities:**

Well sealed containers. In well ventilated premises. Away from sources of ignition and heat.

**Recommended storage temperature:** Room temperature.

### **8. Exposure controls/personal protection**

**8.1 Exposure controls:**

No special indications.

**8.2 Control parameters:**

VLA-ED(phenol): 5 ppm = 20 mg/m<sup>3</sup> dermal resorption

MAK (phenol) 5 ml/m<sup>3</sup>; 19 mg/m<sup>3</sup>

**8.3 Respiratory protection:**

In the event of fumes forming/aerosols, use suitable respiratory protection. Filter A. Filter P3.

**8.4 Hand protection:**

Use suitable gloves

**8.5 Eye/face protection:**

Use suitable goggles.

**8.6 Individual hygiene measures:**

Remove contaminated clothing. Use suitable work clothing. Wash hands and face before breaks and when the job is done. Do not eat, drink or smoke in the workplace.

**8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

**9. Physical and chemical properties**

Appearance: liquid

Colour: Slightly opaline , carmine red

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: N/A

Initial boiling point and boiling range:

N/A

Flash point: 47 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density:

Insertar Aquí Grupo de repeticion

(20/4) 0,994 g/ml

Solubility: Miscible with alcohol and water

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature:

N/A

Decomposition temperature: N/A

Kinematic viscosity: N/A

Dynamic viscosity:

N/A

## **10. Stability and reactivity**

### **10.1 Conditions to avoid:**

High temperatures.

### **10.2 Incompatible materials:**

No specific data.

### **10.3 Hazardous decomposition products:**

No specific data.

### **10.4 Chemical stability:**

No specific data.

## **11. Toxicological information**

### **11.1 Acute toxicity:**

: Data not available.

### **11.2 Dangerous effects for health:**

The data we have are insufficient for correct toxicological assessment. Based on the physico-chemical properties, the likely dangerous characteristics are: Upon contact with the skin: irritations burns Through contact with the eyes: irritations burns If fumes inhaled: Irritations to the mucosae, breathing difficulties. Due to absorption: effects on the central nervous system alterations of the circulation hepatic problems kidney problems Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

## **12. Environmental information**

### **12.1 Toxicity:**

Ecotoxic data not available.

### **12.2 Persistence and Degradability :**

Data not available.

### **12.3 Bioaccumulative potential:**

Data not available.

### **12.4 Mobility in soil :**

Data not available.

### **12.5 Assessment PBT and MPMB :**

Data not available.

### **12.6 Other adverse effects:**

Do not allow it to enter soils or water channels.

## **13. Disposal considerations**

### **13.1 Waste treatment methods:**

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

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### **13.2 Contaminated containers:**

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

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## **14. Transport information**

Overland (ADR):

Technical name: FLAMMABLE LIQUID, TOXIC, N.O.S.

UN 1992 Class: 3 6.1 Packaging group: III (D/E)

By sea (IMDG):

Technical name: FLAMMABLE LIQUID, TOXIC, N.O.S.

UN 1992 Class: 3 6.1 Packaging group: III

By air (ICAI-IATA):

Technical name: Flammable liquid, toxic, n.o.s.

UN 1992 Class: 3 6.1 Packaging group: III

Packaging instructions: CAO 366 PAX 355

## **15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **16. Other information**

### Other precautionary statements

P243 Take precautionary measures against static discharge.  
P264 Wash...thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves, protective clothing, eye protection or face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P321 Specific treatment (see on this label).  
P322 Specific measures (see on this label).  
P330 Rinse mouth.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P363 Wash contaminated clothing before reuse.  
P370+P378 In case of fire: Use for extinction.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P281 Use personal protective equipment as required.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P405 Store locked up.

### Labelling (65/548/CEE or 1999/45/CE)

R-phrase(s):     **R36/38** Irritating to eyes and skin.  
                      **R21/22** Harmful in contact with skin and if swallowed.  
                      **R10** Flammable.  
                      **R68** Possible risk of irreversible effects.

S-phrase(s):     **S7** Keep container tightly closed.  
                      **S1** Keep locked up.  
                      **S36/37** Wear suitable protective clothing and gloves.  
                      **S60** This material and its container must be disposed of as hazardous waste.  
                      **S53** Avoid exposure - obtain special instructions before use.

Version and revision date : 5 15.07.2014

Date published: 15.09.2011

In respect of the previous review, changes have been made to the following sections: 2 y 16

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.

