

1-Identification of the substance/preparation and of the company or firm

1.1 Identification of the substance or preparation

Fuchsin Basic-Carbol solution according to Ziehl

Synonym: -

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) Nº 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 Use of the substance/preparation:

For laboratory utilization, analysis, research and fine chemistry.

1.3 Identification of the company or firm:

DELTALAB, S.L.. Pol. Ind. La Llana, Plaza Verneda 1, (08191) Rubí (Barcelona) Spain.

Telf. (+34) 93 6995000

1.4 Emergency telephone:

Emergencies: Single telephone number for emergency calls: 112 (UE)

Intoxication: Instituto Nacional de Toxicología (Madrid) tel: (+34)915620420

2- Identification of dangers

Classification Regulation (CE) nº 1272/2008.

Flam. Liq. 2

Acute Tox. 4

Eye Irrit. 2

Skin Irrit. 2

Muta. 2

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.

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

Xn Harmful

R36/38

R21/22

R10

R68

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

3- Component Composition/Information

Composition

0001: Ethanol absolute

Formula: CH₃CH₂OH 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) nº 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: C₆H₆O 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) nº 1272/2008.

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

4.1 General indications:

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

4.2 Inhaling:

Go 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 min) keeping eyelids open. In the event of irritation, seek medical assistance.

4.5 Swallowing:

Drink large amounts of water. Induce vomiting. Seek medical assistance

5- Fire-fighting means

5.1 Suitable fire-extinguishing means:

Water. Alcohol resistant foam. Carbon dioxide (CO₂).

5.2 Fire-fighting means which must NOT be used

5.3 Special risks:

Combustible. Keep away from sources of ignition.

5.4 Protective equipment:

6- Measures to be taken in the event of accidental spillage

6.1 Individual precautions:

Do not inhale the fumes.

6.2 Precautions for care of the environment:

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

6.3 Methods for collection/cleaning:

Collect up dry 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 Handling:

7.2 Storage:

Well sealed containers. Dry atmosphere. Atmospheric temperature.

8- Staff exposure/protection controls

8.1 Exposure controls:

No special indications.

8.2 Control parameters:

VLA-ED(phenol): 5 ppm = 20 mg/m³ dermal resorption

MAK (phenol) 5 ml/m³; 19 mg/m³

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.

The supplier of the protection equipment must specify the type of protection to be worn when handling the substance or preparation, including the type of material and the breakthrough time of the material, with regard to the amount and duration of exposure.

9- Physical and chemical properties

Appearance: red liquid.

Odour: Odourless.

Solubility: Soluble in water

pH : -

Melting point/freezing point: 47 °C

Flash point: N/A

10- Stability and reactivity

10.1 Conditions which should be avoided:

High temperatures

10.2 Matter which should be avoided:

10.3 Hazardous decomposition products:

10.4 Complementary information:

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 possible effects on the environment:

Do not allow it to enter soils or water channels.

13- Considerations regarding elimination**13.1 Substance or preparation:**

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.

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.

14- Information concerning transport

Overland (ADR):

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

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

By sea (IMDG):

Technical name: FLAMMABLE LIQUID, TOXIC, N.O.S
ONU 1992 Class: 3 6.1 Packaging group: III (D/E)

By air (ICAO-IATA):

Technical name: FLAMMABLE LIQUID, TOXIC, N.O.S.
ONU 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-phrases(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-phrases(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.

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.