

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

1.1 Identification of the substance or preparation

Safranin solution

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) 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 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 of the substance or the mixture.

Classification Regulation (CE) nº 1272/2008.

Flam. Liq. 3

Hazard Pictograms



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

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

R10

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

3- Component Composition/Information

Composition:

0001:Ethanol 96%

CAS [64-17-5] Formula: CH₃CH₂OH M.=46,07

EC Number (EINECS): 200-578-6

EC Index Number: 603-002-00-5

Content: >= 5 % <= 20 %

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/sparks/open flames/hot surfaces. 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/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:Safranin

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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

4.4 Eyes:

Wash with plenty of water, keeping eyelids open.

4.5 Swallowing:

Drink large amounts of water. Seek medical assistance

5- Fire-fighting means

5.1 Suitable fire-extinguishing means:

Foam. CO2. Dry Dust

5.2 Fire-fighting means which must NOT be used

5.3 Special risks:

Flammable. Keep away from sources of ignition. In the event of fire, toxic fumes may form. May form explosive mixtures with the air.

5.4 Protective equipment:

In case of fire, use suitable respiratory equipment.

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

6.1 Individual precautions:

Do not inhale fumes. Avoid contact with skin, eyes and clothing.

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.

7- Handling and storage

7.1 Handling:

7.2 Storage:

Well sealed containers. In well ventilated premises. Dry atmosphere. Atmospheric temperature. Keep away from sources of ignition.

8- Staff exposure/protection controls

8.1 Technical protective measures:

8.2 Exposure limit control:

VLA-ED: 1000 ppm or 1910 mg/m³ (ethanol)

8.3 Respiratory protection:

In case of powder, use respiratory suitable equipment

8.4 Hand protection:

Use suitable gloves

8.5 Eye protection:

Use suitable goggles

8.6 Individual hygiene measures:

Use suitable clothing. Wash hands before breaks and when the job is done.

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: Ethanolic

Solubility: soluble in water

Ignition Temperature: 49°C

10- Stability and reactivity

10.1 Conditions which should be avoided:

10.2 Matter which should be avoided:

Various plastics.

10.3 Hazardous decomposition products:

10.4 Complementary information:

May form explosive mixtures with the air.

11- Toxicological information

11.1 Acute toxicity:

11.2 Dangerous effects for health:

Dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

12- Environmental information

12.1. Toxicity

Data not available.

12.2 Persistence and Degradability :

Data not available.

12.3 Bioaccumulative potential:

Non-bioaccumulable product.

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:

If suitable handling conditions are maintained, no ecological problems are to be anticipated.

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, N.O.S

ONU 1993 Class: 3 Packaging group: III (D/E)

By sea (IMDG):

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

ONU 1993 Class: 3 Packaging group: III

By air (ICAO-IATA):

Technical name: FLAMMABLE LIQUID, n.o.s

ONU 1993 Class: 3 Packaging group: III

15- Mandatory information

15.1: Labelling as per REACH

Symbols:



16- Other information

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.