



Safety Data Sheet

According to Regulation (EC) 1907/2006



3892 Papanicolaou's Solution OG 6

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

1.1 Identification of the substance or preparation

Name:

Papanicolaou's Solution OG 6

1.2 Synonym:

1.3 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

1.4 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

Emergencies:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

Identification of dangers

Classification of the substance or the mixture.

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/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.

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

F Highly flammableR11

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

Component Composition/Information

Name: Papanicolaou's Solution OG 6

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

Content: >= 80 %

Classification Regulation (CE) n° 1272/2008.

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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.

First aid

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. In the event sickness persists, seek medical assistance.

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. In the event of irritation, seek medical assistance.

4.5 Swallowing:

Drink large amounts of water. Induce vomiting. Do not administer emetics. Do not administer animal carbon. Do not drink milk. Seek medical assistance.

Fire-fighting means

5.1 Suitable fire-extinguishing means:

Water. Carbon dioxide (CO₂). Foam. Dry powder.

5.2 Fire-fighting means which must NOT be used:

5.3 Special risks:

Flammable. Keep away from sources of ignition. The fumes are heavier than air, so they may spread at floor level. May form explosive mixtures with the air.

5.4 Protective equipment:

Measures to be taken in the event of accidental spillage

6.1 Individual precautions:

6.2 Precautions for care of the environment:

Avoid pollution of the soil, water supplies and drains.

6.3 Methods for collection/cleaning:

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.

Handling and storage

7.1 Handling:

No special indications.

7.2 Storage:

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

Staff exposure/protection controls

8.1 Technical protective measures:

Ensure good ventilation and renewal of the air in the premises.

8.2 Exposure limit control:

VLA-ED(ethanol): 1.000 ppm ó 1.910 mg/m³

8.3 Respiratory protection:

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

8.4 Hand protection:

Use suitable gloves neopren nitrile PVC

8.5 Eye protection:

Use suitable goggles.

8.6 Individual hygiene measures:

Remove contaminated clothing. Wash hands before breaks and when the job is done.

8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

Physical and chemical properties

Appearance: liquid

Colour: Orange

Granulometry:

Odour: Characteristic.

pH:

Melting point/freezing point:

Initial boiling point and boiling range:

Flash point: 14 °C

Flammability (solid, gas):

Upper/lower flammability or explosive limits:

Vapour pressure:

Vapour density:

Relative density: (20/4) 0,833

Solubility: Miscible with alcohol and water

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Stability and reactivity

10.1 Conditions which should be avoided:

10.2 Matter which should be avoided:

Alkaline metals. Alkaline oxides. Oxidant agents (amongst others: perchloric acid, perchlorates, halogenates, CrO₃, halogen oxides, nitric acid, nitrogen oxides, non-metal oxides, chromo-sulphuric acid).

10.3 Hazardous decomposition products:**10.4 Complementary information:**

The gases/fumes can form explosive mixtures with the air.

Toxicological information

- **Acute toxicity:**

LD50 oral rat : 7.060 mg/kg (refers to the component with the highest toxicity)

- **Dangerous effects for health:**

If fumes inhaled: Absorption Through contact with the eyes: irritations slight If swallowed: Quickly absorbed. Systemic effects: intoxication vertigo narcosis respiratory paralysis Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

Environmental information

12.1 Mobility:

12.2 Ecotoxicity:

12.1.1 - EC50 test (mg/l):

Bacteria (*Photobacterium phosphoreum*) 47000 mg/l

Classification:

Toxic

Bacteria (*Ps. putida*) EC0 >6500 mg/l

Classification: Toxic

Algae (*Sc. quadricauda*) EC0 >5000 mg/l

Classification: Toxic

Algae (*M. aeruginosa*) EC0 >1450 mg/l

Classification: Toxic

Crustaceans (*Daphnia magna*) EC0 >7800 mg/l

Classification: Toxic

Fish >10.000 mg/l

Classification:

Toxic or hardly toxic

12.2.2 - Receptor medium:

Risk for the water environment

Low

Risk for the land environment

Low

12.2.3 - Observations:

Non-ecotoxic compound if the dumping concentration is not very high.

12.3 Degradability:

12.3.1 - Test:

12.3.2 - Biotic degradation classification:

BOD5/COD

Biodegradability

12.3.3 - Abiotic degradation depending on pH:

12.3.4 - Observations:

12.4 Accumulation:

12.4.1 - Test:

12.4.2 - Bioaccumulation:

Risk

12.4.3 - Observations:

12.5 Other possible effects on the environment:

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

DATA BASED on the components of the preparation.

(Major component: ethanol).

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.

Information concerning transport

Overland (ADR):

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

UN 1993 Class: 3 Packaging group: II (D/E)

By sea (IMDG):

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

UN 1993 Class: 3 Packaging group: II

By air (ICAI-IATA):

Technical name: 3/III

UN 1993 Class: 3 Packaging group: II

Packaging instructions: CAO 307 PAX 305

Regulatory information

Other information

Other precautionary statements

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

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

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

R-pharse(s):	R11 Highly flammable.
S-pharse(s):	S16 Keep away from sources of ignition - No smoking. S7 Keep container tightly closed.

Review number and date: 3 3.11.10

Date published: 3.11.10

In respect of the previous review, changes have been made to the following sections: 2, 3, 15

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.