



3655 Concentrated solution *for the sand equivalent determination

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

1.1 Identification of the substance or preparation

Name:

Concentrated solution *for the sand equivalent determination

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 utilisation, analysis, research and fine chemistry.

1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

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1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

2. Identification of dangers

Classification of the substance or the mixture.

No hazardous mixture as specified in Regulation (CE) 1272/2008.

No hazardous mixture as specified in Classification (67/548/CEE or 1999/45/CE).

3. Component Composition/Information

Name: Concentrated solution *for the sand equivalent determination

Composition:

0001: Formaldehyde 30-40% *stabilized with methanol

Formula: CH₂O M.= 30,03 CAS [50-00-0]

EC number (EINECS): 200-001-8

EC index number: 605-001-00-5

REACH Registration Number: 01-2119488953-20-XXXX

Content: >= 0,1 % <= 0,5 %

Classification Regulation (CE) n° 1272/2008.

Acute Tox. 3

Acute Tox. 3

Acute Tox. 3

Skin Corr. 1B

Carc. 2

Skin Sens. 1

Hazard Pictograms



Signal word

Danger

Hazard statements

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P202 Do not handle until all safety precautions have been read and understood.
P201 Obtain special instructions before use.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash...thoroughly after handling.
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.
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.
P321 Specific treatment (see on this label).
P322 Specific measures (see on this label).
P330 Rinse mouth.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
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).

T Toxic

R43 May cause sensitisation by skin contact.

R40 Limited evidence of a carcinogenic effect.

R34 Causes burns.

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

0002: Calcium Chloride 2-hydrate *irregular granules

Formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ M.= 147,02 CAS [10035-04-8]

EC number (EINECS): 233-140-8

EC index number: 017-013-00-2

Content: $\geq 10\%$ $\leq 15\%$

Classification Regulation (CE) nº 1272/2008.

Eye Irrit. 2

Hazard Pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash...thoroughly after handling.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

Xi Irritant

R36 Irritating to eyes.

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. In the event of irritation, seek medical assistance.

4.5 Swallowing:

Drink large amounts of water. Induce vomiting. In the event of sickness, seek medical assistance.

5. Fire-fighting means

5.1 Suitable fire-extinguishing means:

As appropriate to the environment.

5.2 Fire-fighting means which must NOT be used:

No specific data.

5.3 Special risks:

Incombustible.

5.4 Protective equipment:

Suitable clothing and footwear.

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

6.1 Individual precautions:

No special indications.

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. Clean any remains with plenty of water.

7. Handling and storage

7.1 Handling:

No special indications.

7.2 Storage:

Well sealed containers. Atmospheric temperature.

8. Staff exposure/protection controls

8.1 Technical protective measures:

No special indications.

8.2 Exposure limit control:

: Data not available.

8.3 Respiratory protection:

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

8.4 Hand protection:

Use suitable gloves

8.5 Eye protection:

Use suitable goggles.

8.6 Individual hygiene measures:

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

8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

9. Physical and chemical properties

Appearance: liquid

Colour: Colourless

Granulometry: N/A
Odour: Odourless.
pH:
N/A
Melting point/freezing point: N/A
Initial boiling point and boiling range:
N/A
Flash point:
N/A
Flammability (solid, gas):
N/A
Upper/lower flammability or explosive limits:
N/A
Vapour pressure: N/A
Vapour density: N/A
Relative density: (20/4) 1,192
Solubility: Miscible with water
Partition coefficient: n-octanol/water:
N/A
Auto-ignition temperature:
N/A
Decomposition temperature: N/A
Viscosity: N/A

10. Stability and reactivity

10.1 Conditions which should be avoided:

The product is chemically stable under standard ambient conditions (room temperature).

10.2 Matter which should be avoided:

No specific data.

10.3 Hazardous decomposition products:

No specific data.

10.4 Complementary information:

No specific data.

11. Toxicological information

11.1 Acute toxicity:

: Data not available.

11.2 Dangerous effects for health:

If fumes inhaled: Irritations to the respiratory tracts. Upon contact with the skin: Can cause irritations Through contact with the eyes: Can cause irritations If swallowed in large quantities: gastro-intestinal disorders Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

12. Environmental information

12.1 Toxicity:

12.1.1 - EC50 test (mg/l):

12.1.2. - Receptor medium:

Risk for the water environment

Risk for the land environment

12.1.3. - Observations:

12.2 Persistence and Degradability :

12.2.1 - Test:

12.2.2. - Biotic degradation classification:

BOD5/COD

Biodegradability

12.2.3. - Abiotic degradation depending on pH:

12.2.4. - Observations:

12.3 Bioaccumulative potential:

12.3.1. - Test:

12.3.2. - Bioaccumulation:

Risk

12.3.3. - Observations:

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.

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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. Information concerning transport

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

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

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.

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

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