



Safety Data Sheet According to Regulation (EU) 830/2015

1642 Sodium Hydrogen Sulphite solution 40% w/v

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

1.1 Product identifier

Name:

Sodium Hydrogen Sulphite solution 40% w/v

Synonym:

Sodium Bisulphite

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

1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

2. Identification of dangers

2.1 Classification of the substance or the mixture.

Acute Tox. 4

2.2 Label elements:

Hazard Pictograms



Signal word

Hazard statements

H302 Harmful if swallowed.

EUH031 Contact with acids liberates toxic gas.

Precautionary statements

P264 Wash...thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

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

2.3 Other hazards:

No further relevant information available.

3. Composition/information on ingredients

3.1 Substances

Name: Sodium Hydrogen Sulphite solution 40% w/v

Formula: NaHSO_3 M.= 104,06 CAS [7631-90-5]

EC number (EINECS): 231-548-0

EC index number: 016-064-00-8

3.2 Mixtures

0001: Sodium Disulphite

Formula: $\text{Na}_2\text{S}_2\text{O}_5$ M.= 190,10 CAS [7681-57-4]

EC number (EINECS): 231-673-0

EC index number: 016-063-00-2

REACH Registration Number: 01-2119531326-45-XXXX

Content: $\geq 38 \%$ $\leq 42 \%$

Acute Tox. 4

Eye Dam. 1

Hazard Pictograms



Signal word

Danger

Hazard statements

H302 Harmful if swallowed.

EUH031 Contact with acids liberates toxic gas.

H318 Causes serious eye damage.

4. First aid measures

4.1 Description of first aid measures

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

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Swallowing:

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

Inhaling:

Take the person out into the fresh air.

Contact with the skin:

Wash with plenty of water. Remove contaminated clothing.

Eyes:

Wash with plenty of water, keeping eyelids open. Seek medical assistance.

5. Firefighting measures

5.1 Extinguishing media:

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

5.2 Special hazards arising from the substance or mixture:

Incombustible. In the event of fire, toxic fumes may form:

5.3 Advice for firefighters:

Suitable clothing and footwear.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

No special indications.

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.

6.4 Reference to other sections

Not applicable

7. Handling and storage

7.1 Precautions for safe handling:

Handle under an extractor fan.

7.2 Conditions for safe storage, including any incompatibilities:

Well sealed containers. In a cool, dry place, away from light and well ventilated.

7.3 Specific end use(s)

No more relevant data available

8. Exposure controls/personal protection

8.1 Control parameters:

TLV-TWA: 5 mg/m³ VLA-ED: 5 mg/m³

8.2 Exposure controls

No special indications.

Respiratory protection:

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

Hand protection:

Use suitable gloves

Eye/face protection:

Use safety glasses.

Individual hygiene measures:

Remove contaminated clothing. Use suitable work clothing. Wash hands before breaks and when the job is done. Do not inhale the substance.

Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: liquid

Colour: colourless or yellowish

Granulometry: N/A

Odour: Characteristic.

pH:
N/A
Melting point/freezing point: -44 °C
Initial boiling point and boiling range: 146 °C
Flash point:
N/A
Flammability (solid, gas):
N/A
Upper/lower flammability or explosive limits:
N/A
Vapour pressure: 40 hPa (20 °C)
Vapour density: N/A
Relative density: (20/4) 1,34 g/ml
Solubility: Miscible with 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

9.2 Other information

No more relevant data available

10. Stability and reactivity

10.1 Reactivity

No specific data.

10.2 Chemical stability:

No specific data.

10.3 Possibility of hazardous reactions

No specific data.

10.4 Conditions to avoid:

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

10.5 Incompatible materials:

Acids. Oxidant agents.

10.6 Hazardous decomposition products:

No specific data.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD50 oral rat : 2.000 mg/kg (referring to the anhydrous substance)

LD50 ipr mus : 675 mg/kg (referring to the anhydrous substance)

LD50 ipr rat : 475 mg/kg (referring to the anhydrous substance)

Dangerous effects for health:

If inhaled: Irritations to the mucosae coughing breathing difficulties oedemas in the respiratory tract May cause: Burns in the mucosae, skin and eyes 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.

Product hardly pollutant for water.

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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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

14.1 UN number

UN2693

14.2 UN proper shipping name

BISULPHITES, AQUEOUS SOLUTION, N.O.S.

14.3 Transport hazard class(es)

8

14.4 Packing group

ADR/IMDG: III

IATA: III

14.5 Environmental hazards

CONTAM. MAR

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

15.2 Chemical safety assessment

Not applicable

16. Other information

Other precautionary statements

Version and revision date : 7 20.07.2018

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

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.