



## 1699 Sodium \*metal, sticks

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

#### 1.1 Identification of the substance or preparation

Name:

Sodium \*metal, sticks

**Synonym:**

**REACH Registration Number:** 01-2119484805-27-XXXX

#### 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

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: [product.safety@panreac.com](mailto:product.safety@panreac.com)

#### 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.

**Classification Regulation (CE) nº 1272/2008.**

Water-react. 1

Skin Corr. 1B

### Hazard Pictograms



### Signal word

Danger

### **Hazard statements**

EUH014 Reacts violently with water.

H260 In contact with water releases flammable gases which may ignite spontaneously.

H314 Causes severe skin burns and eye damage.

### **Precautionary statements**

P223 Keep away from any possible contact with water, because of violent reaction and possible flash fire.

P231+P232 Handle under inert gas. Protect from moisture.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash...thoroughly after handling.

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

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

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

**C** Corrosive

R34

**F** Highly flammable

R14/15

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

## **3. Component Composition/Information**

Name: Sodium \*metal, sticks

Formula: Na M.= 22,99 CAS [7440-23-5]

EC number (EINECS): 231-132-9

EC index number: 011-001-00-0

REACH Registration Number: 01-2119484805-27-XXXX

## **4. 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. Take the product out with cotton wool soaked in polyethylene-glycol 400. In the event of irritation, seek medical assistance.

### **4.4 Eyes:**

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. Seek immediate medical assistance.

### **4.5 Swallowing:**

Drink large amounts of water. Avoid vomiting (there is a risk of perforation). Seek immediate medical assistance. Do not neutralize.

## **5. Fire-fighting means**

### **5.1 Suitable fire-extinguishing means:**

Dry powder, special for metals. Smother with dry earth or sand.

### **5.2 Fire-fighting means which must NOT be used:**

Water. Foam.

### **5.3 Special risks:**

Keep away from sources of ignition. Possible self-ignition without protective liquid.

### **5.4 Protective equipment:**

Suitable clothing and footwear.

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

### **6.1 Individual precautions:**

Avoid contact with the skin, eyes or clothing.

### **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 dry and deposit in waste containers for subsequent elimination in accordance with current legislation. Neutralize with alcohols of low molecular weight (alcoholates are formed).

## **7. Handling and storage**

### **7.1 Handling:**

No special indications.

### **7.2 Storage:**

Well sealed containers. Dry atmosphere. In well ventilated premises. Away from sources of ignition and heat. Keep in petroleum. Room 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 and face 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: solid

Colour:

N/A

Granulometry: N/A

Odour: Odourless.

pH:

N/A

Melting point/freezing point: 97,82 °C

Initial boiling point and boiling range: 881,4 °C

Flash point:

N/A

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: 1,6 hPa (400 °C)

Vapour density: N/A

Relative density:

N/A

Solubility:

N/A

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature: 115 °C

Decomposition temperature: N/A

Viscosity: N/A

## **10. Stability and reactivity**

### **10.1 Conditions which should be avoided:**

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

### **10.2 Matter which should be avoided:**

Acids. Air Alcohols. Azides. Carbon disulphide. Ammoniacal compounds Mercury compounds. Silver compounds. Nitrogen compounds. Organic compounds. Halogens. Halogen halides. Matalloid halides. Non-metal halides. Hydrazine and derivatives. Halogenated hydrocarbons. Hydroxylamine. Non-metal hydrides. Alkaline metals. Metalloids. Nitrates. Nitrosyls. Non-metals. Metal oxides. Non-metal oxides. Hydrogen peroxide.

### **10.3 Hazardous decomposition products:**

NaOH. H<sub>2</sub>.

### **10.4 Complementary information:**

Extremely sensitive to moisture. Reacts with water violently.

## **11. Toxicological information**

### **11.1 Acute toxicity:**

LD50 ipr mus : 4.000 mg/kg

### **11.2 Dangerous effects for health:**

The product breaks down with the moisture of the tissues. Can cause Upon contact with the skin: burns Through contact with the eyes: burns blindness (irreversible injury of the optic nerve) If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract. Risk of perforation in the oesophagus and stomach.

## **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:

Ecotoxic data not available.

### **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:**

Do not allow it to enter soils or water channels.

Reacts with water.

Risk of formation of explosive fumes on the surface of the water.

## **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: SODIUM

UN 1428 Class: 4.3 Packaging group: I (B/E)

By sea (IMDG):

Technical name: SODIUM

UN 1428 Class: 4.3 Packaging group: I

By air (ICAI-IATA):

Technical name: Sodium

UN 1428 Class: 4.3 Packaging group: I

Packaging instructions: CAO 487 PAX F

## **15. Regulatory information**

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

## **16. Other information**

### **Other precautionary statements**

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see on this label).

P335+P334 Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.

P338 Remove contact lenses, if present and easy to do. Continue rinsing.

P363 Wash contaminated clothing before reuse.

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

P402+P404 Store in a dry place. Store in a closed container.

P405 Store locked up.

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

R-phrase(s): **R34** Causes burns.  
**R14/15** Reacts violently with water, liberating extremely flammable gases.

S-phrase(s): **S45** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
**S43f** In case of fire, use sand. Never use water.  
**S8** Keep container dry.  
**S5b** Keep in petroleum.

Review number and date: 4 15.09.2011

Date published: 15.09.2011

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