



## Safety Data Sheet According to Regulation (EC) 1907/2006

### 6132 Sodium Dodecyl Sulphate solution 10% w/v

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

##### 1.1 Product identifier

Name:

Sodium Dodecyl Sulphate solution 10% w/v

##### Synonym:

Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate

**CAS:** [151-21-3]

**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<sup>o</sup> 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](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

##### 2.1 Classification of the substance or the mixture.

**Classification Regulation (CE) n<sup>o</sup> 1272/2008.**

Eye Irrit. 2

Skin Irrit. 2

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

**Xi** Irritant

R36/38

## **2.2 Label elements:**

### **Hazard Pictograms**



### **Signal word**

Warning

### **Hazard statements**

H319 Causes serious eye irritation.

H315 Causes skin irritation.

### **Precautionary statements**

P264 Wash...thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection or face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

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

## **2.3 Other hazards:**

No further relevant information available.

## **3. Composition/information on ingredients**

Name: Sodium Dodecyl Sulphate solution 10% w/v

Formula: C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S M.= 288,38 CAS [151-21-3]

EC number (EINECS): 205-788-1

## COMPOSITION:

### 0001: Sodium Dodecyl Sulphate

Formula: C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S M.= 288,38 CAS [151-21-3]

EC number (EINECS): 205-788-1 REACH Registration Number: 01-2119489461-32-XXXX

**Content:** 10 %

### Classification Regulation (CE) n° 1272/2008.

Acute Tox. 4

Eye Irrit. 2

Skin Irrit. 2

STOT SE 3

Acute Tox. 3

Flam. Sol. 2

### Hazard Pictograms



### Signal word

Danger

### Hazard statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H228 Flammable solid.

H311 Toxic in contact with skin.

H335 May cause respiratory irritation.

### **Precautionary statements**

P264 Wash...thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves, protective clothing, eye protection or face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see on this label).  
P330 Rinse mouth.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P322 Specific measures (see on this label).  
P361 Remove/Take off immediately all contaminated clothing.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.  
P261 Avoid breathing dust, fume, gas, mist, vapours or spray.  
P271 Use only outdoors or in a well-ventilated area.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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

<b>T</b> Toxic	<b>R24</b> Toxic in contact with skin.
<b>F</b> Highly flammable	<b>R11</b> Highly flammable.
<b>Xi</b> Irritant	<b>R22</b> Harmful if swallowed.
<b>Xn</b> Harmful	<b>R36/37/38</b> Irritating to eyes, respiratory system and skin.

## **4. First aid measures**

### **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.

### **4.4 Eyes:**

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

#### **4.5 Swallowing:**

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

### **5. Firefighting measures**

#### **5.1 Suitable extinguishing media:**

Water. Alcohol resistant foam. Dry powder.

#### **5.2 Unsuitable extinguishing media:**

No specific data.

#### **5.3 Special hazards arising from the substance or mixture:**

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

#### **5.4 Advice for firefighters:**

Suitable clothing and footwear.

### **6. Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid contact with the skin, eyes or clothing.

#### **6.2 Environmental precautions:**

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.

### **7. Handling and storage**

#### **7.1 Precautions for safe handling:**

Handle with caution.

#### **7.2 Conditions for safe storage, including any incompatibilities:**

Well sealed containers.

**Recommended storage temperature:** Room temperature. Dry atmosphere.

### **8. Exposure controls/personal protection**

#### **8.1 Exposure controls:**

No special indications.

#### **8.2 Control parameters:**

#### **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/face 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.

**9. Physical and chemical properties**

Appearance: liquid

Colour: Colourless

Granulometry: N/A

Odour: N/A

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:

Insertar Aquí Grupo de repetición

(20/4) 1,012 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

**10. Stability and reactivity****10.1 Conditions to avoid:**

High temperatures.

**10.2 Incompatible materials:**

Acids. Strong oxidant agents.

**10.3 Hazardous decomposition products:**

No specific data.

**10.4 Chemical stability:**

No specific data.

## **11. Toxicological information**

### **11.1 Acute toxicity:**

LD50 oral rat : 1.288 mg/kg

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

No specific data on this product known with regard to effects of overdose in humans. No dangerous characteristics are to be anticipated. Take the usual precautions for handling chemical products.

## **12. Environmental information**

### **12.1 Toxicity:**

#### **- EC50 test (mg/l):**

Fish (Leuciscus Idus) EC0 26 mg/l

Classification: Extr. toxic

#### **- Receptor medium:**

Risk for the water environment Medium

Risk for the land environment Low

### **12.2 Persistence and Degradability :**

Biodegradable product.

### **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 adverse effects:**

Data refer to the pure substance.

Do not allow it to enter soils or water channels.

## **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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### **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. Transport information

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

### Other precautionary statements

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

P362 Take off contaminated clothing and wash before reuse.

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

R-phrase(s): **R36/38** Irritating to eyes and skin.

S-phrase(s): **S36/37/39** Wear suitable protective clothing, gloves and eye/face protection.

Version and revision date : 5 10.10.2014

Date published: 16.3.2012

In respect of the previous review, changes have been made to the following sections: 2, 16

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.