



S a f e t y   D a t a   S h e e t  
According to Regulation (EC) 1907/2006  
and (EU) 453/2010

## 3143 Cetyl Alcohol

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

#### 1.1 Product identifier

Name:

Cetyl Alcohol

#### Synonym:

1-Hexadecanol, Hexadecyl Alcohol, Palmitic Alcohol

**CAS:** [36653-82-4]

**REACH Registration Number:** 01-2119485905-24-XXXX

#### 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° 1272/2008.**

Skin Irrit. 2

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

**Xi** Irritant

R38

## **2.2 Label elements:**

### **Hazard Pictograms**



### **Signal word**

Warning

### **Hazard statements**

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.

P321 Specific treatment (see on this label).

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

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

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: Cetyl Alcohol

Formula:  $\text{CH}_3(\text{CH}_2)_{15}\text{OH}$  M.= 242,45 CAS [36653-82-4]

EC number (EINECS): 253-149-0

REACH Registration Number: 01-2119485905-24-XXXX

## **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. Remove contaminated clothing.

**4.4 Eyes:**

Wash with plenty of water, keeping eyelids open.

**4.5 Swallowing:**

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

**5. Firefighting measures****5.1 Suitable extinguishing media:**

Alcohol resistant foam. Dry powder. Water. Carbon dioxide (CO<sub>2</sub>).

**5.2 Unsuitable extinguishing media:**

No specific data.

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

Combustible. Keep away from sources of ignition.

**5.4 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:**

Avoid pollution of the soil, water supplies and drains.

**6.3 Methods and material for containment and cleaning up:**

Collect up dry 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:**

No special indications.

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

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

**8. Exposure controls/personal protection****8.1 Exposure controls:**

No special indications.

**8.2 Control parameters:****8.3 Respiratory protection:**

If dust forms, 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. 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: solid

Colour: White

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: 50 °C

Initial boiling point and boiling range: 344 °C

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 repeticion

0,82 g/ml (50 °C)

Solubility: in ( ) Insoluble in 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:**

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

**10.2 Incompatible materials:**

No specific data.

**10.3 Hazardous decomposition products:**

No specific data.

#### **10.4 Chemical stability:**

No specific data.

### **11. Toxicological information**

#### **11.1 Acute toxicity:**

LD50 oral mus : 3.200 mg/kg

LD50 oral rat : 6.400 mg/kg

LD50 oral rat : 5.000 mg/kg

LD L0 skn gpg : 10.000 mg/kg

LC L0 inh rat : 2200 mg/m<sup>3</sup> 6h

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

The data we have are insufficient for correct toxicological assessment. Based on the physico-chemical properties, the likely dangerous characteristics are: If inhaled: Irritations to the respiratory tracts. Upon contact with the skin: irritations Through contact with the eyes: irritations If it is absorbed in large quantities: narcosis Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

### **12. Environmental information**

#### **12.1 Toxicity:**

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

- **Receptor medium:**

Risk for the water environment

Risk for the land environment

- **Observations:**

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

- **Test:**

- **Biotic degradation classification:**

BOD5/COD

Biodegradability

- **Abiotic degradation depending on pH:**

- **Observations:**

#### **12.3 Bioaccumulative potential:**

- **Test:**

- **Bioaccumulation:**

Risk

- **Observations:**

#### **12.4 Mobility in soil :**

Data not available.

#### **12.5 Assessment PBT and MPMB :**

Data not available.

#### **12.6 Other adverse effects:**

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

### **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.

.

### **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. 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**

P362 Take off contaminated clothing and wash before reuse.

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

R-phrase(s):     **R38** Irritating to skin.

S-phrase(s):     **S22** Do not breathe dust.  
                      **S24/25** Avoid contact with skin and eyes.

Version and revision date : 4 03.11.2014

Replaced: 03.11.2010

In respect of the previous review, changes have been made to the following sections: 1

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.