



## Safety Data Sheet

According to Regulation (EC) 1907/2006



2083 Colophony

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

## 1.1 Identification of the substance or preparation

Name:

Colophony

## 1.2 Synonym:

Rosin, Rosin Gum

## 1.3 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

## 1.4 Identification of the company or firm:

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# Identification of dangers

Classification of the substance or the mixture.

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

Skin Sens. 1

## Hazard Pictograms



## Signal word

Warning

## Hazard statements

H317 May cause an allergic skin reaction.

## Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

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

P321 Specific treatment (see on this label).

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

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

**Xi** IrritantR43

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

# Component Composition/Information

Name: Colophony

CAS [8050-09-7]

EC number (EINECS): 232-475-7

EC index number: 650-015-00-7

# 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.

**4.4 Eyes:**

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. In the event of irritation, seek medical assistance.

**4.5 Swallowing:**

Drink large amounts of water. Induce vomiting. Seek medical assistance.

## Fire-fighting means

**5.1 Suitable fire-extinguishing means:**

Water. Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder.

**5.2 Fire-fighting means which must NOT be used:****5.3 Special risks:**

Combustible.

**5.4 Protective equipment:**

## Measures to be taken in the event of accidental spillage

**6.1 Individual precautions:****6.2 Precautions for care of the environment:****6.3 Methods for collection/cleaning:**

Collect up dry and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

## Handling and storage

**7.1 Handling:**

No special indications.

**7.2 Storage:**

Well sealed containers. Dry atmosphere. In a cool place.

## Staff exposure/protection controls

**8.1 Technical protective measures:**

**8.2 Exposure limit control:****8.3 Respiratory protection:**

Use suitable breathing equipment.

**8.4 Hand protection:**

Use suitable gloves

**8.5 Eye protection:**

Use suitable goggles.

**8.6 Individual hygiene measures:**

Wash hands before breaks and when the job is done.

**8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

## Physical and chemical properties

Appearance: solid

Colour:

Granulometry:

Odour: Odourless.

pH:

Melting point/freezing point:

Initial boiling point and boiling range:

Flash point: ~ 180 °C

Flammability (solid, gas):

Upper/lower flammability or explosive limits:

Vapour pressure:

Vapour density:

Relative density: 1,07

Solubility: Insoluble in water

Partition coefficient: n-octanol/water:

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

## Stability and reactivity

**10.1 Conditions which should be avoided:**

High temperatures.

**10.2 Matter which should be avoided:**

Strong oxidant agents.

**10.3 Hazardous decomposition products:**

CO, CO<sub>2</sub>

**10.4 Complementary information:**

## Toxicological information

- **Acute toxicity:**

- **Dangerous effects for health:**

Can cause Irritations to the skin, eyes and mucosae. If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract. Can cause nausea vomiting diarrhoea If inhaled: Irritations to the respiratory tracts. Can cause allergic reaction sensitization Upon contact with the skin: Can cause allergic reaction sensitization Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

## Environmental information

**12.1 Mobility:****12.2 Ecotoxicity:**

12.1.1 - EC50 test (mg/l):

12.2.2 - Receptor medium:

Risk for the water environment

Risk for the land environment

12.2.3 - Observations:

**12.3 Degradability:**

12.3.1 - Test:

BOD<sub>5</sub>

12.3.2 - Biotic degradation classification:

BOD<sub>5</sub>/COD

Biodegradability

12.3.3 - Abiotic degradation depending on pH:

12.3.4 - Observations:

**12.4 Accumulation:**

12.4.1 - Test:

12.4.2 - Bioaccumulation:

Risk

12.4.3 - Observations:

**12.5 Other possible effects on the environment:**

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

## 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.

## Information concerning transport

Overland (ADR):

By sea (IMDG):

By air (ICAI-IATA):

## Regulatory information

# Other information

## Other precautionary statements

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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

R-phrases(s):	<b>R43</b> May cause sensitisation by skin contact.
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S-phrases(s):	<b>S37</b> Wear suitable gloves.
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	<b>S24</b> Avoid contact with skin.
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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

Date published: 3.11.10

Review number and date: 3 3.11.10