


<p>Page 1 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wollwachsalkohole (pestizidarm)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

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

· **Informations to product No. 3014**

· **Product name:**

### **Wollwachsalkohole (pestizidarm)**

Alcoholes adipis lanae, Alcoholes Lanae

Wool wax alcohols

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

· **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

· **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

· **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

## 2 Hazards identification

· **Hazard classification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

**CAS-No. Substance name**

8027-33-6 Alcohols, lanolin

· **EINECS-No.:** 232-430-1

· **REACH Reg. No.:** 01-2119519224-47-0000

· **INCI-Name:** Lanolin Alcohol

· **Chemical characterization:**


A complex combination of organic alcohols obtained by the hydrolysis of lanolin.

## 4 First aid measures

· **General advices:** No special measures required.

· **after skin contact:** Wash away with warm water and soap.

· **after eye contact:** Rinse off with with warm water. If irritation continues, seek medical advice.

<p>Page 2 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wollwachsalkohole (pestizidarm)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

## 5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

## 6 Accidental release measures

- **Personal protective measures:** Avoid contact with substance.
- **Environmental protective measures:** Prevent from entering into drainage ditch or surface waters..
- **Methods for cleaning:**  
Let solidify after spillage. Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water. Cleaning with basic solution.
- **General information:** No hazardous substances are released.

## 7 Handling and storage


- **Handling:** Von Keep away from ignition sources.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:**  
Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**  
The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** Protection gloves
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties

- **Form:** solid wax
- **Colour:** yellow
- **Odour:** faint, characteristic
- **Melting point / melting range:** 60 - 83 °C (dropping point)
- **Boiling point / boiling range:** not determined
- **Flash point:** >100 °C
- **Solubility in / Miscibility with**
- **Water:** not soluble

<p>Page 3 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wollwachsalkohole (pestizidarm)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**

No decomposition during appropriate use.

- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:** LD50 (oral, Rat): > 20 ml/kg (50% solution in oil),  
> 42,7 g/kg (66% solution in oil)
- **Skin irritation:** Rabbit (Draize-Test): Slight skin irritation. Patch-Tests on probands did not show irritant properties.
- **Eye irritation:** Rabbit (Draize-Test): Slight eye irritation.
- **Sensitization:** Patch-Tests on probands did not show sensitizing effect.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Information about elimination (persistence and degradability):** Biodegradable.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

## 13 Disposal considerations


- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

## 14 Transport informations

- **Land transport according to ADR:**  
Not classified as dangerous in the meaning of transport regulations.

## 15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**  
The product does not need to be labelled according to GHS-regulations.
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

<p>Page 4 of 4</p> <p>Print Date 22.11.2018</p>	<p><b>Material Safety Data Sheet</b> according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wollwachsalkohole (pestizidarm)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

## 16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

· **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.