

# Safety Data Sheet

according to 1907/2006/EC, Article 31



Revision: 10.02.2010

Printing date 26.07.2010

**Trade name:** Special-effect wax Ice crystal

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

### Product details

**Trade name:** Special-effect wax Ice crystal**Product code:** 12600**Application of the substance / the preparation** Additive

### Manufacturer/Supplier:

EXAGON AG

Bernerstrasse Nord 210

CH-8064 Zurich

Switzerland

Tel.: 0041 (0)44 430 36 76

Fax: 0041 (0)44 430 36 66

Mail: info@exagon.ch

## 2 Hazards identification

**Hazard description:** Not applicable.**Information concerning particular hazards for human and environment:** Warning! Hot melt.

## 3 Composition/information on ingredients

### Chemical characterization:

#### CAS No. Description

Fatty acids

CAS: 8002-74-2 Paraffin waxes and hydrocarbon waxes

EINECS: 232-315-6

### Chemical characterization

**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:** Void

## 4 First aid measures

**General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** After contact with the molten product, cool rapidly with cold water.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Foam. Do not use water.**For safety reasons unsuitable extinguishing agents:** Water**Protective equipment:** No special measures required.

## 6 Accidental release measures

### Person-related safety precautions:

Remove persons from danger area.

Particular danger of slipping on leaked/spilled product.

**Measures for environmental protection:** No special measures required.**Measures for cleaning/collecting:** Pick up mechanically.**Additional information:** No dangerous substances are released.

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### 7 Handling and storage

**Handling:****Information for safe handling:** No special measures required.**Information about fire - and explosion protection:**

No special measures required.

Fumes can combine with air to form an explosive mixture.

**Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Solid:

Store in dry conditions.

Store in a cool place.

Protect from exposure to the light.

**Storage class:** 11

### \* 8 Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.**Ingredients with limit values that require monitoring at the workplace:****8002-74-2 Paraffin waxes and hydrocarbon waxes (10-50%)**WEL Short-term value: 6 mg/m<sup>3</sup>Long-term value: 2 mg/m<sup>3</sup>**Additional information:** The lists valid during the making were used as basis.**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.**Protection of hands:**

Heat resistant gloves for fluid product.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Safety glasses for fluid product.

### 9 Physical and chemical properties

**General Information**

<b>Form:</b>	Solid
<b>Colour:</b>	White
<b>Odour:</b>	Odourless

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Congealing point:</b>	50-52°C
<b>Flash point:</b>	> 200°C
<b>Ignition temperature:</b>	300°C
<b>Self-igniting:</b>	Product is not self-igniting.

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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Wax dust / powder: > 15 g/m <sup>3</sup>
<b>Upper:</b>	Wax dust / powder: > 1000 g/m <sup>3</sup>
<b>Vapour pressure at 20°C:</b>	0 hPa
<b>Density:</b>	Not determined.
<b>Bulk density at 20°C:</b>	400-500 kg/m <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Insoluble.

## 10 Stability and reactivity

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**Materials to be avoided:****Dangerous reactions:** No dangerous reactions known.**Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

**Acute toxicity:****Primary irritant effect:****on the skin:** No irritant effect.**on the eye:** No irritating effect.**Sensitization:** No sensitizing effects known.**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

## 12 Ecological information

**Information about elimination (persistence and degradability):** The product is not easily, but potentially degradable.**Additional ecological information:****General notes:** Generally not hazardous for water

## 13 Disposal considerations

**Product:****Recommendation**

Can be reused after reprocessing.

Smaller quantities can be disposed of with household waste.

**European waste catalogue**

07 01 99 wastes not otherwise specified

07 06 08\* other still bottoms and reaction residues

12 01 12\* spent waxes and fats

**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulation

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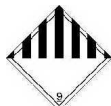
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### 14 Transport information

#### Land transport ADR/RID (cross-border)



**ADR/RID class:** 9 Miscellaneous dangerous substances and articles.  
**Danger code (Kemler):** 99  
**UN-Number:** 3257  
**Packaging group:** III  
**Hazard label:** 9  
**Description of goods:** 3257 ERWÄRMTER FLÜSSIGER STOFF, N.A.G.  
**Tunnel restriction code** D  
**Remarks:** Products < 100°C are no hazardous goods / class 9 does not apply.

#### Maritime transport IMDG:

**IMDG Class:** -  
**Marine pollutant:** No

#### Air transport ICAO-TI and IATA-DGR:

**ICAO/IATA Class:** -  
**Remarks:** Carriage by air of heated fluid product is not expected.

### \* 15 Regulatory information

#### Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

#### Special labelling of certain preparations:

Safety data sheet available for professional user on request.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.