

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Revision: 01.07.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

**Trade name:** Effektwachs Eiskristall  
Mixture of saturated fatty acids and paraffin wax

**CAS-number:** 64742-54-4, 67701-03-5, 67701-03-5

**EC-number:** 265-154-5, 232-315-6, 266-928-5

**Article number 12600**

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

No further relevant information available.

**Application of the substance / the mixture** Additive

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Exagon AG  
Räffelstrasse 10  
CH-8045 Zürich  
Tel.: 0041 (0)44 430 36 76  
Fax.: 0041 (0)44 430 36 66  
E-Mail: info@exagon.ch

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

**3.2 Chemical characterisation: Mixtures**

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

**Dangerous components:** Void

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

**4.1 Description of 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.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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**4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

Water haze

Water spray

Foam

Fire-extinguishing powder

Carbon dioxide

Sand

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

### **5.3 Advice for firefighters**

**Protective equipment:** No special measures required.

## **SECTION 6: Accidental release measures**

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

Remove persons from danger area.

Particular danger of slipping on leaked/spilled product.

**6.2 Environmental precautions:** No special measures required.

**6.3 Methods and material for containment and cleaning up:** Pick up mechanically.

**6.4 Reference to other sections** No dangerous substances are released.

## **SECTION 7: Handling and storage**

**7.1 Precautions 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.

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

#### **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

**7.3 Specific end use(s)** No further relevant information available.

## **SECTION 8: Exposure controls/personal protection**

**Additional information about design of technical facilities:** No further data; see item 7.

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**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**8002-74-2 Paraffin waxes and hydrocarbon waxes (50-100%)**

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.

**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

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

**Respiratory protection:**

Use suitable respiratory protective device only when aerosol or mist is formed.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter P2

**Protection of hands:** Oil resistant gloves

**Material of gloves** Nitrile

**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

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.

**Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.
<b>Congearing point:</b>	56-58 °C

**Flash point:** >200 °C

**Flammability (solid, gas):** Not determined.

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Wax dust / powder > 15 g/m <sup>3</sup>
<b>Upper:</b>	Wax dust / powder: > 1000 g/m <sup>3</sup>

**Vapour pressure:** Not applicable.

**Density:** Not determined.

**Relative density** Not determined.

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<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with water:</b>	Insoluble.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not applicable.
<b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability**  
**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions** No dangerous reactions known.
- 10.4 Conditions to avoid** No further relevant information available.
- 10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- 11.1 Information on toxicological effects**  
**Acute toxicity** Based on available data, the classification criteria are not met.  
**Primary irritant effect:**  
**Skin corrosion/irritation** Based on available data, the classification criteria are not met.  
**Serious eye damage/irritation** Based on available data, the classification criteria are not met.  
**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.  
**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
**Germ cell mutagenicity** Based on available data, the classification criteria are not met.  
**Carcinogenicity** Based on available data, the classification criteria are not met.  
**Reproductive toxicity** Based on available data, the classification criteria are not met.  
**STOT-single exposure** Based on available data, the classification criteria are not met.  
**STOT-repeated exposure** Based on available data, the classification criteria are not met.  
**Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- 12.1 Toxicity**  
**Aquatic toxicity:** No further relevant information available.
- 12.2 Persistence and degradability** The product is not easily, but potentially biodegradable.
- 12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil** No further relevant information available.
- Additional ecological information:**  
**General notes:** Generally not hazardous for water
- 12.5 Results of PBT and vPvB assessment**  
**PBT:** Not applicable.  
**vPvB:** Not applicable.
- 12.6 Other adverse effects** No further relevant information available.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**

Can be reused after reprocessing.  
Smaller quantities can be disposed of with household waste.

**European waste catalogue**

05 01 99 wastes not otherwise specified  
07 01 99 wastes not otherwise specified  
12 01 12\* spent waxes and fats

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

**14.1 UN-Number**

**ADR, IMDG**

UN3257

**IATA**

Void

**14.2 UN proper shipping name**

**ADR**

ERWÄRMTER FLÜSSIGER STOFF, N.A.G.

**IMDG**

ELEVATED TEMPERATURE LIQUID, N.O.S.

**IATA**

Void

**14.3 Transport hazard class(es)**

**ADR, IMDG**



**Class**

9 Miscellaneous dangerous substances and articles.

**Label**

9

**IATA**

**Class**

Void

**14.4 Packing group**

**ADR**

III

**IATA**

Void

**14.5 Environmental hazards:**

**Marine pollutant:**

No

**14.6 Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.

**Danger code (Kemler):**

99

**EMS Number:**

F-A, S-P

**Stowage Category**

A

**Stowage Code**

SW3 Shall be transported under temperature control.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)**

0

**Excepted quantities (EQ)**

Code: E0

Not permitted as Excepted Quantity

**Transport category**

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**Tunnel restriction code**  
**Remarks:**

D  
Products < 100°C are no hazardous goods / class 9 does not apply.

**IMDG**  
**Remarks:**

Products < 100°C are no hazardous goods / class 9 does not apply.

**IATA**  
**Remarks:**  
**UN "Model Regulation":**

Carriage by air of heated fluid product is not expected.  
UN 3257 ELEVATED TEMPERATURE LIQUID, N.O.S., 9, III

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 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.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative