

## Safety data sheet

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Safety data sheet according to Regulation (EC) No. 1907/2006

Date/Revised: 03.09.2010

Version: 3.0

Product: KC-Trockenperlen® ORANGE CHAMELEON® 1030

(30318148/SDS\_GEN\_DE/DE)

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### 1. Substance/Preparation and Company Identification

#### **KC-Trockenperlen® ORANGE CHAMELEON® 1030**

Use: Solid material for drying of liquids and gases

Company:

TROPACK Packmittel GmbH

Gewerbestr. 6

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### 2. Hazard Identification

**According to REGULATION (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures**

Label elements and precautionary statement:

The product does not require a hazard warning label in accordance with GHS criteria.

Classification of the substance and mixture:

No need for classification according to GHS criteria for this product.

**Possible Hazards (according to Directive 67/548/EWG or 1999/45/EC)**

No particular hazards known.

### 3. Composition/Information on Ingredients

Chemical nature

Aluminatessilicate (Content (W/W):  $\geq 98\%$  -  $\leq 100\%$ )

CAS-Nummer: 1327-36-2

EG-Nummer: 215-475-1

Hazardous ingredients (GHS)

According to Regulation (EC) no. 1272/2008

No particular hazards known

**4. First-Aid Measures**

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth immediately and then drink plenty of water, induce vomiting, seek medical attention.

Note to physician:

Treatment: Symptomatic treatment (decontamination, vital functions)

**5. Fire-Fighting Measures**

Suitable extinguishing media:

Carbon dioxide, dry powder, foam, water

Specific hazards:

No particular hazards known.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 6. Accidental Release Measures

### Personal precautions:

Do not breathe dust. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Information regarding personal protective measures see, chapter 8.

### Environmental precautions:

Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water.

### Methods for cleaning up or taking up:

Avoid raising dust. Dampen, pick up mechanically and dispose of. Correctly dispose of recovered product immediately. Reclaim for processing if possible.

Additional information: Forms slippery surfaces with water.

## 7. Handling and Storage

### Handling

Contaminated surfaces will be extremely slippery.

Avoid the formation and deposition of dust. Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at machinery. Containers should be opened carefully in well-ventilated areas to avoid static discharge. Contaminated surfaces will be extremely slippery.

### Protection against fire and explosion:

The substance/product is non-combustible.

### Storage

Keep away from water.

Suitable materials for containers: carbon steel (iron), Low density polyethylene (LDPE).

Further information on storage conditions: Protect against moisture. Keep container tightly closed and dry. Keep in a cool place. Protect against contamination.

## 8. Exposure controls and personal protection

### Components with workplace control parameters

The general dust limit value is to be kept.

### Personal protective equipment

**Respiratory protection:**

Breathing protection if dusts are formed. Particle filter with low efficiency for solid particles (e.g. EN 143 pr 149, Type P1 or FFP1).

**Hand protection:**

Suitable chemical resistant safety gloves (EN 274) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other

**Eye protection:**

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

**Body protection:**

Body protection must be chosen based on level of activity and exposure.

**General safety and hygiene measures:**

When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

Form:	beads
Colour:	colourless to orange
Odour:	odourless
pH-Value:	4 – 8 (100g/kg) (As suspension)
Melting point:	< 1.000 ° C
Boiling point:	dropped
Flashpoint:	Non-flammable
Flammability:	not highly flammable
Self-ignition temperature:	not self-igniting
Explosion hazard:	Based on the chemical structure there is no indicating of explosive properties
Fire promoting properties:	Based on its structural properties the product is not Classified as oxidizing
Vapour pressure:	(20°C) negligible
Bulk density:	400 – 900 kg/m <sup>3</sup>

Solubility in water:	practically insoluble (20 ° C)
Partitioning coefficient n-octanol/ water (log Pow):	not applicable
Surface tension:	Based on chemical structure, surface activity is not to be expected
Viscosity, dynamic:	not applicable

## 10. Stability and reactivity

Conditions to avoid:  
Avoid dust formation. Avoid deposition of dust.

Substances to avoid:  
Water

Corrosion to metals: No corrosive effect on metal.

Hazardous reactions:  
Addition of water leads to increase in temperature.  
The product is chemically stable.

## 11. Toxicological information

### Acute toxicity

Assessment of acute toxicity:  
Of low toxicity after single ingestion. The product has not been tested. The statement has  
been derived from the properties of the individual components.

### Irritation

Assessment of irritating effects:  
Not irritating to the eyes. Not irritating to the skin. The product has not been tested. The  
statement has been derived from the properties of the individual components

### Other relevant toxicity information

The product has been assessed on the basis of the components' available data. To some  
extend data gaps exist for individual components. According to our present knowledge and  
experience dangers which are not covered by the current labeling are not to be expected.

## 12. Ecological information

### Ecotoxicity

**Assessment of aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. The product has not been tested. The statement has been derived from products of a similar structure and composition.

**Persistence and degradability**

**Assessment biodegradation and elimination (H<sub>2</sub>O):**

Inorganic product which cannot be eliminated from water by biological purification processes.

**Bioaccumulation potential**

**Assessment bioaccumulation potential:**

Accumulation in organisms is not to be expected.

The product has not been tested. The statement has been derived from the properties of the individual components.

**13. Disposal consideration**

Used catalysts may have different hazardous properties than the original products.

Observe national and local legal requirements.

Contact specialized companies about recycling.

**Contaminated packaging:**

Dispose of in accordance with national, state and local regulations.

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product

**14. Transport Information**

**Land transport**

ADR Not classified as a dangerous good under transport regulations

RID Not classified as a dangerous good under transport regulations

**Inland watery**

**Transport:**

ADNR Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG Not classified as a dangerous good under transport regulations

**Air transport**

IATA/ICAO Not classified as a dangerous good under transport regulations

**15. Regulatory information****Regulations of the European union (Labelling)/National legislation/Regulations**

Directive 1999/45/EC („Preparation Directive“):

The product does not require a hazard warning label in accordance with EC Directives.

**Other regulations****16. Other information**

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.