

Trade name: Controzon GP  
Version: 1.0.0 / GB

Status: 01.09.2004

## 1.) Identification of the substance/preparation and company

### Product details

Trade name

**Controzon GP**  
**Controzon GPF**

Use

Paraffin/wax

### Identification of the manufacturer / supplier

#### Address

D O G Deutsche Oelfabrik Gesellschaft für chemische Erzeugnisse mbH und Co. KG  
Ellerholzdamm 50  
D-20457 Hamburg

Telephone no. +49 (0)40 311805-0

Fax no. +49 (0)40 311805-88

#### Emergency telephone number

+49 (0)40 311805-0

## 2.) Composition / information on ingredients

### Chemical characterization

Mixture of higher normal and isoparaffinic hydrocarbons

### Substance / product identification

CAS no. 8002-74-2

EC no. 232-315-6

## 3.) Hazards identification

### Particular information pertaining specific risk for human / environment

The product does not require a hazard warning label in accordance with Directive 67/548/EC

## 4.) First aid measures

### General information

In case of persisting adverse effects consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

### After skin contact

Wash off immediately with soap and water. After contact with molten product cool quickly with cold water. Do not pull solidified product from skin. Cover wounds with sterile dressing. Seek medical attention.

### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

### After ingestion

Do not induce vomiting. Seek medical advice.

### Advice to doctor

#### Hazards

If swallowed, in the event of vomiting, risk of product entering the lungs.

**5.) Fire-fighting measures****Suitable extinguishing media**

Foam; extinguishing powder; Carbon dioxide; Sand; Water spray jet; Water mist

**Extinguishing media that must not be used for safety reasons**

Full water jet

**Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases**

In the event of fire, the following can be released:

Nitrogen oxides (NO<sub>x</sub>)

Carbon monoxide (CO)

Sulphur dioxide (SO<sub>2</sub>)

Exposure to decomposition products may cause a health hazard.

**Special protective equipment for firefighting**

Do not inhale explosion and/or combustion gases. Wear protective clothing. Use self-contained breathing apparatus.

**Other information**

Cool endangered containers with water spray jet. Fire residues and contaminated firefighting water must be disposed off in accordance with the local regulations.

**6.) Accidental release measures****Personal precautions**

Refer to protective measures listed in sections 7 and 8. Avoid dust formation. Ensure adequate ventilation.

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**Methods for cleaning up/taking up**

Allow to set, pick up mechanically. Send in suitable containers for recovery or disposal.

**7.) Handling and storage****Handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid the formation and deposition of dust.

**Advice on protection against fire and explosion**

Dust can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition.

**Storage****Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

**Advice on storage assembly**

Do not store together with:  
Oxidizing agents

**Further information on storage conditions**

Keep container tightly closed in a cool, well-ventilated place. Protect from heat/overheating.

**8.) Exposure controls / personal protection**

**Exposure limit values**

**Paraffin waxes and Hydrocarbon waxes**

CAS no. 8002-74-2  
EC no. 232-315-6

**Occupational Exposure Standards (OESs) / EH40**

Paraffin wax  
fume  
TWA 2 mg/m<sup>3</sup>  
STEL 6 mg/m<sup>3</sup>

**Personal protective equipment**

**Respiratory protection**

Use breathing apparatus in dust-laden atmosphere. Particle filter P2

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material PVC  
Appropriate Material nitrile

**Eye protection**

Use tightly fitting safety glasses while working with heated material.

**Skin protection**

Clothing as usual in the chemical industry.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact of molten material with skin. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately.

**9.) Physical and chemical properties**

**General information**

Form pellets  
Colour brownish

**Important health, safety and environmental information**

**Changes in physical state**

Type Freezing point  
Value appr. 64 - 72 °C  
Remarks each according to the type of the product

**Flash point**

Value > 200 °C

**Density**

Value appr. 0.9 g/cm<sup>3</sup>  
Reference temperature 20 °C

**Solubility in water**

Remarks insoluble

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## 10.) **Stability and reactivity**

### **Conditions to avoid**

None, if handled according to order.

### **Materials to avoid**

Reactions with strong oxidising agents.

### **Hazardous decomposition products**

Nitrous oxides (NO<sub>x</sub>); Sulphurous oxides (SO<sub>x</sub>); Carbon monoxide

## 11.) **Toxicological information**

### **Experience in practice**

Contact with the skin and eyes may cause mechanical irritation.

### **Other information (chapter 11.)**

Product specific toxicological data are not known.

## 12.) **Ecological information**

### **General information / ecology**

Do not discharge into the drains or waters and do not store on public depositories.  
Ecological data are not available.

## 13.) **Disposal considerations**

### **Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

### **Packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

## 14.) **Transport information**

### **Other information (chapter 14.)**

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

## 15.) **Regulatory information**

### **Labelling in accordance with EC directives**

The product does not require a hazard warning label in accordance with EC directives/ GefStoffV (German regulations on dangerous substances).

### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks

Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

## 16.) **Other information**

### **Department issuing safety data sheet**

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.