


Product name: Octakis(6-deoxy-6-chloro)-gamma-cyclodextrin	Product code:	Revised date: 2017.05.25
 CYCLOLAB R&D. Ltd., Budapest, Hungary		Version: 1.0

1. Identification of the Substance/Preparation and Company

Name of substance/preparation:

Chemical name: Octakis(6-deoxy-6-chloro)
gamma-cyclodextrin

Use of substance/preparation:

Laboratory chemicals

Information about Manufacturer:

Cyclolab R&D. Ltd., Budapest, Hungary
H-1097 Budapest, IX. Illatos út 7, Hungary
Tel: (36-1)-347-60-60; Fax: (36-1)-347-60-68; e-mail: cyclolab@cyclolab.hu

2. Hazards Identification

Classification and labelling according to EC 1272/2008

H-phrases	-	-
P-phrases	-	-

Not a dangerous substance according to GHS.

Further information:

Risk of dust explosion.

3. Composition/Information on ingredients

Chemical characterization (preparation):

EC-No.	CAS No.	Chemical characteristics
		Octakis(6-deoxy-6-chloro)-gamma-cyclodextrin

4. First-Aid Measures

General information

In case of accident or if you feel unwell seek medical advice (show this sheet where possible)

If inhaled

Provide fresh air.

In case of skin contact

Wash off with plenty of water and soap.

In case of eye contact

Rinse thoroughly with plenty of water.

If swallowed

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Suitable extinguishing media:

Water, extinguishing powder, alcohol-resistant foam, carbon dioxide

Extinguishing media which must not be used for safety reasons:


n.d.

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

At low oxygen level: carbon monoxide

Special protective equipment for fire fighters:

Use respiratory protection independent of recirculated air.

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6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Do not breathe dust.

Environmental precautions:

Cover any spilled material in accordance with regulations to prevent dispersal by wind. Observe local/state/federal regulations.

Methods for cleaning up:

Take up mechanically and dispose of according to local/state/federal regulations. This material is not soluble in water. Avoid formation of dust and dust deposition. Dispose cleansing liquid in accordance with local/state/federal regulations.

7. Handling and Storage

Handling

Precaution for safe handling: Avoid dust formation.

Precautions against fire and explosion: Observe the general rules for fire prevention. Avoid dust deposit, remove dust regularly. Take precautionary measures against electrostatic charging. Take precautionary measures against dust explosion.

Storage

Conditions for storage rooms and vessels: Observe precautionary measures against dust explosion.

Advice for storage of incompatible materials: none known

Further information for storage: Keep container tightly closed. Protect from direct light and source of heat. Store under dry conditions below 30°C, in well-ventilated place.

8. Exposure Control and Personal Protection Equipment

Exposure limits

n.d.

Exposure limited and controlled

Exposure in the workplace limited and controlled:

General protection and hygiene measures: Observe standard industrial hygiene practices for the handling of chemical substances.

Personal protection equipment:

Respiratory protection: In case of dust formation: fine dust mask without protection rating.

Hand protection: rubber gloves

Eye protection: tight fitting protective goggles

Exposure to the environment limited and controlled:

Prevent material from entering surface waters and soil

Further information for system design and engineering measures

Observe information in section 7.


9. Physical and Chemical Properties

General information

Physical state/form	solid - powder
Colour	white or yellow
Odour	n.d.

Important information about the protection of health, safety, and the environment

Melting point	200°C
Ignition temperature	>250°C
Auto-ignition temperature	n.d.
Oxidizing properties	no
Lower explosion limit (LEL)	n.d.
Upper explosion limit (UEL)	n.d.
Bulk density	n.d.

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Water solubility / miscibility	non soluble
pH- value	n.d.

Other information

See Product Information Sheet. Soluble in DMF only.

10. Stability and Reactivity**General information:**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. This product is not investigated thoroughly yet.

Conditions to avoid:

None known

Materials to avoid:

Decomposes in strongly acidic and basic solutions

Hazardous decomposition products:

None known

11. Toxicological Information**General information:**

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable. This product is not investigated thoroughly yet.

Toxicological tests:**Acute toxicity (LD50/LC50-values relevant to classification):**

n.d.

Primary irritation:

n.d.

Sensitization:

n.d.

Substance to chronic toxicity:

n.d.

Reference points for mutagenic potential:

n.d.

Experience with man: n.d.**12. Ecological Information****Ecotoxicity**

n.d.

Mobility

n.d.

Persistence and degradability

Biodegradation / further information: n.d.

Bio-accumulation potential

n.d.


13. Disposal Considerations**Material****Recommendation:**

Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.

Uncleaned packaging**Recommendation:**

Completely discharge containers (no powder rest, scraped carefully). Observe local/state/federal regulations.

14. Transport Regulations**Land transport ADR and RID:**

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Road ADR:

Not regulated for transport.

Railway RID:

Not regulated for transport.

Transport by sea IMDG-Code:**Sea IMDG-Code:**

Not regulated for transport.

Air transport ICAO-TI/IATA-DGR:**Air transport ICAO-TI/IATA-DGR:**

Not regulated for transport.

15. Regulatory Information

National and local regulations must be observed.

16. Other Information**Material**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet (if applicable).