Product name: DIMEB-50	**Product code: CY-2004.0 or 35**	**Revised date: 2015.03.09.**
CYCLOLAB R&D. Ltd., Budapest, Hungary		**Version: 2.2**

1. Identification of the Substance/Preparation and Company

Name of substance/preparation:

Chemical name: Heptakis(2,6-di-O-methyl)-β-cyclodextrin

Abbreviation: DIMEB-50

Use of substance/preparation:

Laboratory chemicals, manufacture of substances

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-phrase	-	-
P-phrase	-	-

Not a dangerous substance according to GHS.

Classification and labelling according to 67/548/EEC, EC 1999/45

R-phrase	-	-
S-phrase	-	-

This substance is not classified as dangerous according to Directive 67/548/EEC.

Further information:

Risk of dust explosion.

3. Composition/Information on ingredients

Chemical characterization (preparation):

EC-No.	CAS No.	Chemical characteristics
-	51166-71-3	Heptakis(2,6-di-O-methyl)-beta-cyclodextrin

4. First-Aid Measures

General information

In case of accident or if you feel unwell seek medical advice (show label or MSDS 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. Drink several small portions of 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:

No data (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. Avoid formation of dust and dust deposition. Dispose of cleansing water 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 ºC, 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 – crystalline powder
Colour	white to slightly yellow
Odour	n.a.

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

Flash point	n.d.
Ignition temperature	n.d.
Auto-ignition temperature	n.d.
Oxidizing properties	n.d.
Lower explosion limit (LEL)	n.d.
Upper explosion limit (UEL)	n.d.
Bulk density	n.d.
Water solubility (in 100 cm^3 at 25 °C)	>50 g

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pH- value (1% in water)	4.0-8.0 (1 % aq. solution)

Other information
See Product Information Sheet.

10. Stability and Reactivity
General information:
If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Conditions to avoid:
None known
Materials to avoid:
Decomposes in strongly acidic 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.
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:
Prevent material from entering surface waters and soil. Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.
Uncleaned packaging
Recommendation:
Dispose of as unused product. Observe local/state/federal regulations.

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14. Transport Regulations

Land transport ADR and RID:

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).

Further information

This version supersedes all previous versions.