

CHEMICAL SAFETY DATA SHEET

DIMETHYL-BETA-CYCLODEXTRIN

Part 1 - Chemical Product And Company Identification

MSDS Name: Dimethyl-Beta-Cyclodextrin

Synonyms:

Company Name: Shenzhen Honest Chem Chemical Co. Ltd

Add: 20-402, District A, Nanyou, Nanshan, Shenzhen

Postcode: 518054

Company Telephone: 0755-26404265, 26404303, 61363520

Fax: 0755-26404265

Document Number: Dec-2003-CSDS001

Date into Effect: 18/12/2003

Emergency Call: 0755-27237286

Website: <http://www.chemanswer.com>

Registered Code:

Part 2 - Composition, Information On Ingredients

CAS# 51166-71-3

Chemical Name: Dimethyl-Beta-Cyclodextrin

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

Part 3 - Hazards Identification

Emergency Overview

Light sensitive.

Potential Health Effects

The toxicological properties of this material have not been

investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

Part 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

Part 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

Use agent most appropriate to extinguish fire.

Part 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in part 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment part.

Part 7 - Handling And Storage

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry place. Keep container closed when not in use.

Part 8 - Exposure Controls, Personal Protection

Engineering Controls: Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protective Equipment

Eyes: Wear chemical goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Part 9 - Physical And Chemical Properties

Physical State:	Crystalline powder
Color:	white to light yellow
Odor:	Not available.
pH:	Not available.

Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 298.00 - 310.00 deg C
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: >33g/100ml (25 c)
Specific Gravity/Density:
Molecular Formula: C₅₆H₉₈O₃₅
Molecular Weight: 1331.40

Part 10 - Stability And Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Irritating and toxic fumes and gases.

Hazardous Polymerization: Not available.

Part 11 - Toxicological Information

RTECS#:CAS# 51166-71-3: GU2293500

LD50/LC50: Not available.

Carcinogenicity: DIMETHYL-BETA-CYCLODEXTRIN, 99+% METHYL-
ATED BETA-CYCLODEXTRINS -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

Part 12 - Ecological Information

Part 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Part 14 - Transport Information

IATA No information available.

IMO No information available.

RID/ADR No information available.

Part Fifteen Regulatory Information

Regulations: Safety Regulation for Hazardous Chemicals

Detail Application Rules of Safety Regulation for Hazardous Chemicals

Rules of Using Chemical Safely at Working Spot

Class and Sign For Common Hazardous Chemicals (GB13690-92)

General Technique Conditions For Transportation and *Packing Hazardous Goods (GB12463-90)*

Part Sixteen Other Information

References: 1. Safety Management for Chemicals at Working Spot

2. Safety Handbook for Hazardous Goods

3. All-Round Book for Safety Technology Hazardous Chemicals

4. Register Regulation for Hazardous Chemicals

Writing Date: December, 2003