



# Polymer Add (Thailand) Co; Ltd.

## Safety Data Sheet

### 1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO) SORBITOL

Revision date :

Page: 1/6

Version : 3.0

NUMBER

## 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifiers

Chemical Name 1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO)  
SORBITOL

CAS NO. 135861-56-2

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

1. DMDBS can be used as highly effective clarifying agent for polypropylene Homopolymer, Random copolymer and LLDPE.
2. DMDBS can be blended with polypropylene powder through dry mixing or in master batches.
3. DMDBS along with suitable polypropylene can be used in thin wall injection moulding, film sheet extrusion, blow moulding, and rotating moulding

### Details of the supplier of the safety data sheet

#### COMPANY

POLYMER ADD (THAILAND) CO., LTD.  
106, Chalaremprakiat, Lor 9, Soi 22, Yak  
5,Nongbon, Prawet,Bangkok  
Bangkok - 10250  
Thailand  
Telephone : 0804531391  
Email - contact@polymeradd.co.th

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

### 2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

Signal word None

Hazard statement(s) None

Precautionary statement(s) None

### 2.3 Other hazards

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

#### Component

Chemical Name 1,3:2,4-Bis-O-(3,4-dimethylbenzylidene)-D-sorbitol

CAS NO 135861-56-2

EC Number 413-110-2

Molecular Formula C<sub>24</sub>H<sub>30</sub>O<sub>6</sub>

Molecular Weight 414.50

Concentration >98

## Safety Data Sheet

### 1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO) SORBITOL

Revision date :

Page: 2/6

Version : 3.0

NUMBER

#### 4 FIRST AID MEASURES

##### 4.1 Description of first aid measures

<b>If inhaled</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>In case of skin contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention
<b>In case of eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>If swallowed</b>	Get medical advice/attention if you feel unwell. Rinse mouth.

##### 4.2 Most important symptoms and effects, both acute and delayed

No data available

##### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

#### 5 FIREFIGHTING MEASURES

##### 5.1 Extinguishing media

**Suitable extinguishing media** Dry chemical, foam, water spray, carbon dioxide.

##### 5.2 Special hazards arising from the substance or mixture

Carbon dioxide, Carbon monoxide

##### 5.3 Advice for firefighters

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment

##### 5.4 Further information

#### 6 ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions protective equipment and emergency procedures

Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc

**Safety Data Sheet**

**1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO) SORBITOL**

Revision date :

Page: 3/6

Version : 3.0

NUMBER

**6.2 Environmental precautions**

Prevent product from entering drains

**6.3 Methods and materials for containment and cleaning up**

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations

**6.4 Reference to other sections**

For disposal see section 13.

---

**7 HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust.

Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin, eyes and clothing.

**7.2 Information about protection against explosions and fires**

No data available

**7.3 Conditions for safe storage including any incompatibilities**

Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents

**7.4 Specific end use(s)**

No further relevant information available.

---

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Ingredients Comments**

No data available

**8.2 Exposure control**

Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

**Eye/face protection**

Safety glasses. A face-shield, if the situation requires.

**Hands protection**

Protective gloves.

**Skin protection**

Protective clothing. Protective boots, if the situation requires.

## Safety Data Sheet

### 1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO) SORBITOL

Revision date :

Page: 4/6

Version : 3.0

NUMBER

#### Body Protection

Protective clothing. Protective boots, if the situation requires.

#### Respiratory protection

Dust respirator. Follow local and national regulations.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	White powder
b) Odour	No data available
c) Odour Threshold	No data available
d) pH (% solution in water)	No data available
e) Melting point/freezing point	250-265 Deg C
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid or gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

### 9.2 Other safety information

Bulk Density	No data available
--------------	-------------------

## 10 STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under proper conditions.

# Polymer Add (Thailand) Co; Ltd.

## Safety Data Sheet

### 1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO) SORBITOL

Revision date :

Page: 5/6

Version : 3.0

NUMBER

10.3	Possibility of hazardous reactions	No special reactivity has been reported
10.4	Conditions to avoid	No data available
10.5	Incompatible materials	Oxidizing agents
10.6	Hazardous decomposition products	Carbon dioxide, Carbon monoxide

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute toxicity</b>	No data available
-----------------------	-------------------

## 12 ECOLOGICAL INFORMATION

12.1	Toxicity	No data available
12.2	<b>Persistence and degradability</b>	
	<b>Biodegradation</b>	
	No data available	
12.3	Bio accumulative potential	No data available
12.4	Mobility in soil	No data available
12.5	Results of PBT and vPvB assessment	No data available
12.6	Other adverse effects	No data available

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

Recycle to process, if possible. Consult your local regional authorities.

You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber

Observe all federal, state and local regulations when disposing of the substance.

## 14 TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID	IMDG	IATA
Not listed	Not listed	Not listed

### 14.2 UN proper shipping name

ADR/RID	IMDG	IATA
Not listed	Not listed	Not listed

### 14.3 Transport hazard class(es)

**Safety Data Sheet**

**1,3:2,4-BIS(3,4-DIMETHYLOBENZYLIDENO) SORBITOL**

Revision date :

Page: 6/6

Version : 3.0

NUMBER

	ADR/RID	IMDG	IATA
	Not listed	Not listed	Not listed
<b>14.4 Packaging group</b>			
	ADR/RID	IMDG	IATA
	Not listed	Not listed	Not listed
<b>14.5 Environmental hazards</b>			
	ADR/RID	IMDG Marine pollutant	IATA
	Not listed	Not listed	Not listed
<b>14.6 Special precautions for user</b>	No data available		

**15 REGULATORY INFORMATION**

**15.1 Safety health and environmental regulations/legislation specific for the substance or mixture**

Not listed

**15.2 Chemical Safety Assessment**

A chemical safety assessment has not been carried out.

**16 OTHER INFORMATION**

Month of Creation	March 2023
Month of Revision	March 2027