

## RAW MATERIAL QUESTIONNAIRE

Refer to Thailand Hazardous Substances Act Law was implemented, the company is requested to register the information of substances in use in Department of Industrial Works (DIW) system.

Thereby, the suppliers are requested to provide some information to HMC accordingly. Please kindly fill up the detail in this form.

### 1. General information

Trade Name: MDBS

Supplier Name: POLYMER ADD (THAILAND) CO., LTD.

Trader Name (if any):

Type (Mixture Substance) SINGLE CHEMICAL PRODUCT ( Not mixture)

Country of Origin: CHINA

HS Code (11 digits): 2932 9900 00

UN Code (if any): NOT CLASSIFIED AS A DANGEROUS GOOD UNDER TRANSPORT REGULATIONS

IMDG/IATA code (if any): NOT CLASSIFIED AS A DANGEROUS GOOD UNDER TRANSPORT REGULATIONS

Packaging: 10 KG PAPER BAG WITH INNER LINER

Physical state:  
(Please select form)

<input checked="" type="checkbox"/> Solid	<input type="checkbox"/> Liquid	<input type="checkbox"/> Gas
<input type="checkbox"/> Granule	<input type="checkbox"/> Milky liquid	<input type="checkbox"/> Pressurized
<input type="checkbox"/> Flake	<input type="checkbox"/> Paste	<input type="checkbox"/> Liquid
<input checked="" type="checkbox"/> Powder	<input type="checkbox"/> Slight solvent	<input type="checkbox"/> Aerosols
<input type="checkbox"/> Pellet	<input type="checkbox"/> Solution	<input type="checkbox"/> Compressed Gas
<input type="checkbox"/> Pill	<input type="checkbox"/> Homogeneous	<input type="checkbox"/> Liquefied gas
<input type="checkbox"/> Granular powder	<input type="checkbox"/> Liquid	

Hazard classification:

(Please hazard classification  
classification  
from Thailand GHS)

<input type="checkbox"/> Explosive	<input type="checkbox"/> Oxidizing / Peroxide	<input type="checkbox"/> Mutagen
<input type="checkbox"/> Toxic	<input type="checkbox"/> Environmentally hazard	<input type="checkbox"/> Irritant
<input type="checkbox"/> Flammable	<input type="checkbox"/> Reproductive Toxicity	
<input type="checkbox"/> Corrosive	<input type="checkbox"/> Carcinogen	

### 2. Composition

Component 1

Chemical name: 1,3:2,4-DI-P-METHYLBENZYLIDENE SORBITOL

Chemical formula:  $C_{22}H_{26}O_6$

CAS Number: 54686-97-4

Percentage:	100%
Component 2 (if any)	
Chemical name:	
Chemical formula:	
CAS Number:	
Percentage:	

### 3. Physical and Chemical properties

Color:	WHITE POWDER
Melting point:	245 - 261 °C
Density:	258 kg/m <sup>3</sup> at 20°C.
Solubility:	1.5 x 10 <sup>-3</sup> g/L at 25°C
Other:	

### 4. Toxicological information

Acute toxicity:	<p>Oral Type of value: LD50 Species: rat LD50 &gt; 2,100 mg/kg</p> <p>Inhalation Type of value: LC50 Species: rat LC50 &gt; 670 mg/m<sup>3</sup> (similar to OECD guideline 403)</p>
Chronic toxicity:	<p><b><u>Repeated dose toxicity</u></b> Assessment of repeated dose toxicity: No substance-specific organotoxicity was observed after repeated administration to animals.</p> <p><b><u>Genetic toxicity</u></b> Assessment of mutagenicity: The substance was not mutagenic in bacteria.</p> <p><b><u>Carcinogenicity</u></b> Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.</p> <p><b><u>Reproductive toxicity</u></b> Assessment of reproduction toxicity: Repeated oral uptake of the substance did not cause damage to the reproductive organs. Teratogenicity Assessment of teratogenicity: In animal studies the substance did not cause malformations.</p>
Other:	

### 5. Ecological information

Acute hazard:	<p><b><u>Aquatic toxicity</u></b> Assessment of aquatic toxicity: There is a high probability that the <u>product is not acutely harmful</u> to aquatic organisms.</p> <p><b><u>Toxicity to fish</u></b> LC50 (96 h) &gt; 100 mg/l, Brachydanio rerio (OECD Guideline 203)</p>
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**Aquatic invertebrates**

EC50 (48 h) 350 µg/L

**Aquatic plants**

EC50 (72 h) &gt; 100 mg/l, Scenedesmus sp

**Chronic hazard:**

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This product does not pose any Chronic Hazards to Humans, environment, (plants, animals, or fish,invertebrates),

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**Other:**

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**Waste disposal of substance:** Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state and local regulations when disposing of the substance.

**6. Disposal considerations:**



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**Container disposal:** Do not reuse containers. Dispose of as unused product.

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**7. Please attach updated SDS:**

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Suppliers information	
Supplier name :	POLYMER ADD (THAILAND) CO., LTD.
Address :	88/31 Baan Klang Suan Moo.2, T.Takiantia A.Banglamung ,Chonburi 20150
Contact person :	Mr Aditya Jogdeo / Mr. Sagar Gokhale ( ENGLISH) Ms Vachiraporn Rangsimantikanont ( THAI)
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Signature :   Date : January 5, 2019	