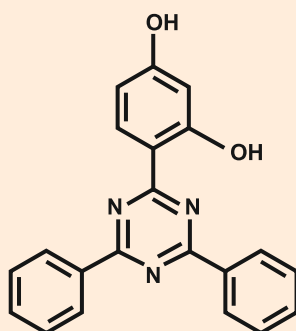




## STELLAR-2016

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 2-(2,4-Dihydroxyphenyl)-4,6-diphenyl-1,3,5-triazine (Stellar-2016)

Product Code	: 010645
CAS No.	: 38369-95-8
HS Code	: 2933.69.90
Molecular formula	: C <sub>21</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>
Molecular weight	: 341.36

### 3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2-(2,4-Dihydroxyphenyl) -4,6-diphenyl-1,3,5-triazine	2-(2,4-Dihydroxyphenyl) -4,6-diphenyl-1,3,5-triazine	38369-95-8	--
European Inventory of Existing Commercial Chemical Substances (EINECS)		Not Listed	
EC Inventory		Not Listed	
United States Toxic Substances Control Act (TSCA) Inventory		Not Listed	
China Catalog of Hazardous chemicals 2015		Not Listed	
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)		Not Listed	
Korea Existing Chemicals List (KECL)		Not Listed	
Canadian Domestic Substance List (DSL)		Not Listed	
Canadian Non-Domestic Substance List (NDSL)		Not Listed	
Japanese Existing and New Chemical Substances Inventory (ENCS)		Not Listed	

### 4. SPECIFICATION

Physical Appearance	: White To Pale Yellow Powder
Identification (HPLC)	: Identical
Melting Point	: 273.0 to 276.0°C
Purity By HPLC	: NLT 99.0%
Transmittance (%) 500 NM	: NLT 75.0%

#### Disclaimer

Typical properties should not be considered as specification.  
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.  
Products will not be supplied to countries where they could be in conflict with existing patents.  
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)  
Above information is given in good faith and without warranty.



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### 4. SPECIFICATION

Transmittance (%) 460 NM	: NLT 50.0%
Volatiles	: NMT 0.50%

### 5. APPLICATION

: Used in longpass filter of photovoltaic element such as dye solar cell.

A longpass (LP) Filter is an optical interference or coloured glass filter that attenuates shorter wavelengths and transmits (passes) longer wavelengths over the active range of the target spectrum.

### 6. HAZARD CLASSIFICATION

: Non Hazardous material



Irritant

### 7. CAPACITY

: 50 MT per year

### 8. STORAGE CONDITION

: Store in closed container at ambient temperature. Avoid direct sunlight.

### 9. PACKING DEATILS

: **Big Jumbo Bag**

Capacity 500 kg & Net Weight 250 kg  
1 Bag 250 kg on One Pallet

#### **Corrugated Boxes (7 Ply)**

Size = 360 X 360 X 480 mm

Net Quantity per box = 20 kgs

Inner Packing double plastic liner inside

18 boxes can be placed on wooden pallet (ISPM 15) in 2 tier

(9 Boxes in one tier \* 2 tier = 18 Boxes)

Total quantity per pallet = 18\*20 = 360 kgs

One 20 feet container load quantity = 360\*10 pallets = 3600 kgs

### 10. SHELF LIFE

: 3 years.

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