

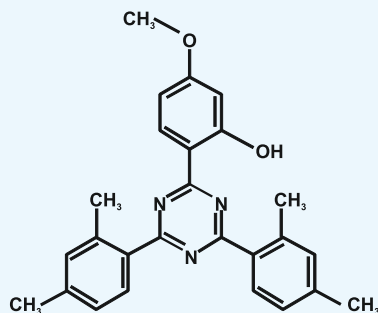


# Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

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## APPOLO-1164 GL

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 2,4-Bis(2,4-dimethyl phenyl)-6-(2-hydroxy-4-methoxy phenyl)1,3,5-triazine (Appolo-1164 GL)

Product Code	: 010072
CAS No.	: 1820-28-6
HS Code	: 2933.69.90
Molecular formula	: C <sub>26</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub>
Molecular weight	: 411.50

### 3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2-(2-Hydroxy-4-methoxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine	2-(2-Hydroxy-4-methoxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine	1820-28-6	--
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

Appearance	: Light yellow powder
Purity (HPLC)	: NLT 99%
Volatiles	: NMT 0.2%
Melting point	: 179 - 180°C
% Transmittance at 450 nm	: NLT 92%
% Transmittance at 500 nm	: NLT 95%
Ash content	: NMT 0.2%

#### 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.

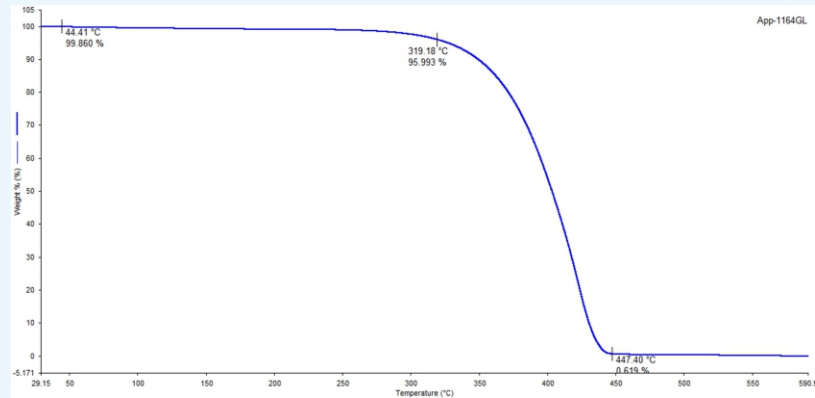


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## APPOLO-1164 GL

### 5. TGA CURVE



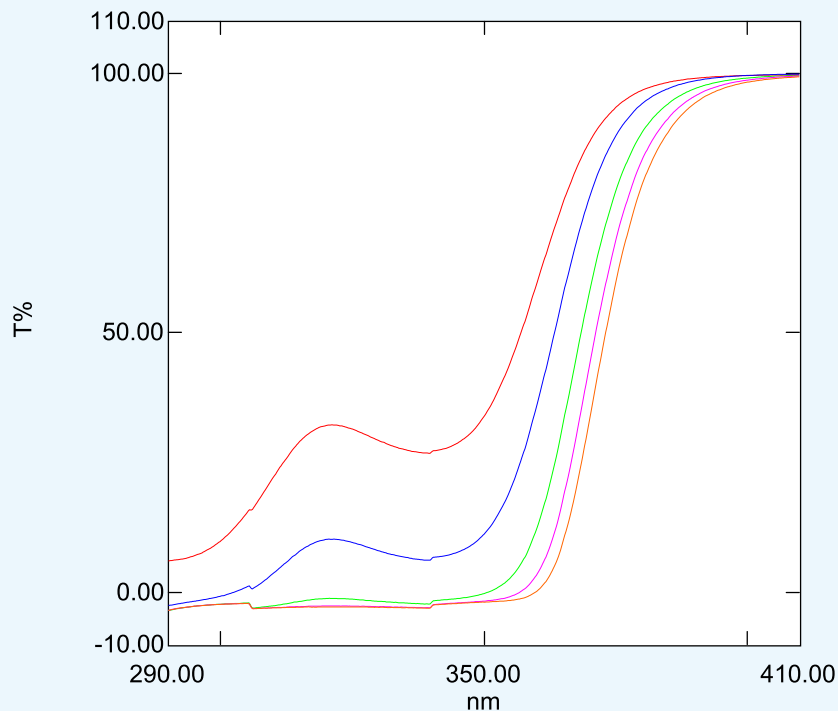
### 6. APPLICATION

: It is UV absorber polymer additives.

This product is suitable for Polyoxymethylene, Polyamide (PA), Polycarbonate (PC), Polyethylene Polyethylene terephthalate (PET); Polybutylene terephthalate (PBT); Polyether amine, ABS resin and polymethyl methacrylate (PMMA).

Especially suitable for nylon, engineering plastics and polymer fibers.

### 7. SPECTRAL TRANSMISSION



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## APPOLO-1164 GL

### 7. SPECTRAL TRANSMISSION

	APPOLO-1164 GL 0.001% (Toluene cell thickness=1 cm) - RawData
	APPOLO-1164 GL 0.002% (Toluene cell thickness=1 cm) - RawData
	APPOLO-1164 GL 0.004% (Toluene cell thickness=1 cm) - RawData
	APPOLO-1164 GL 0.006% (Toluene cell thickness=1 cm) - RawData
	APPOLO-1164 GL 0.008% (Toluene cell thickness=1 cm) - RawData

8. HAZARD CLASSIFICATION : Non-Hazardous Material.



Irritant

9. ANNUAL CAPACITY : 50 MT

10. STORAGE CONDITION : Store in closed container in dry area away from direct sun light.

11. PACKING DETAILS : Corrugated Boxes (7 Ply)  
Size = 360 X 360 X 480 mm  
Net Quantity per box = 20 kgs  
Inner Packing double plastic liner inside  
27 boxes can be placed on wooden pallet (ISPM 15) in 3 tier  
(9 Boxes in one tier \* 3 tier = 27 Boxes)  
Total quantity per pallet = 27\*20 = 540 kgs  
One 20 feet container load quantity = 540\*10 pallets = 5400 kgs  
  
250 kg packing in FIBC, conductive big bag

12. SHELF LIFE : 3 years.

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