



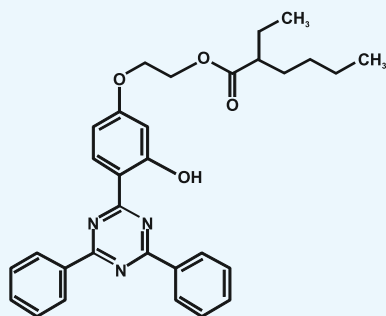
# Sarex Overseas (A division of Sarex Organics Pvt. Ltd.)

**Corporate Office:** 501-502, Waterford, C Wing, Juhu Lane, Andheri (W), Mumbai - 400 058, India.  
**Phone:** +91(22) 6128 5566 / 4218 4218, **Fax:** +91(22) 4218 4350.  
**Web:** [www.sarex.com](http://www.sarex.com) • **Email:** [fchem@sarex.com](mailto:fchem@sarex.com)



## APPOLO-46

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 2-(4,6-Diphenyl-1,3,5-triazin-2-yl)-5-[2-(2-ethylhexanoyloxy)ethoxy]phenol (Appolo-46)

Product Code	: 010197
CAS No.	: 371146-04-2
HS Code	: 2933.69.90
Molecular formula	: C <sub>31</sub> H <sub>33</sub> N <sub>3</sub> O <sub>4</sub>
Molecular weight	: 511.62

### 3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2-(4,6-Diphenyl-1,3,5-triazin-2-yl)-5-[2-(2-ethylhexanoyloxy)ethoxy]phenol	2-Ethylhexanoic acid 2-[4-(4,6-diphenyl-1,3,5-triazin-2-yl)-3-hydroxyphenoxy]ethyl ester	371146-04-2	--
European Inventory of Existing Commercial Chemical Substances (EINECS)		Not Listed	
EC Inventory		Not Listed	
United States Toxic Substances Control Act (TSCA) Inventory		Listed	
China Catalog of Hazardous chemicals 2015		Not Listed	
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)		Listed	
Korea Existing Chemicals List (KECL)		Listed	
Canadian Domestic Substance List (DSL)		Not Listed	
Canadian Non-Domestic Substance List (NDSL)		Listed	
Japanese Existing and New Chemical Substances Inventory (ENCS)		Listed	

### 4. SPECIFICATION

Physical Appearance	: Light Yellow Flakes Or Powder
Volatiles	: NMT 0.5%
APHA Colour	: NMT 200
Transmittance (%) 450 NM	: NLT 75.0%
Transmittance (%) 500 NM	: NLT 90.0%

#### 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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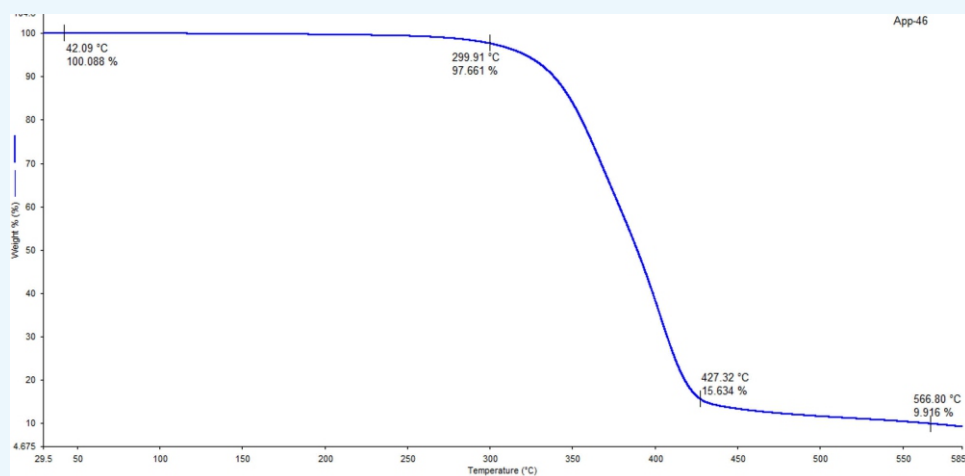
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## APPOLO-46

### 4. SPECIFICATION

Purity By HPLC : **NLT 98.0%**  
Solubility : **Clear Solution**

### 5. TGA CURVE



### 6. APPLICATION

: UV absorber additive in engineering plastic PBT, PC, PET.

It Offers Low volatility and excellent thermal stability.

It offers high absorption between 280 nm & 300 nm UV region.

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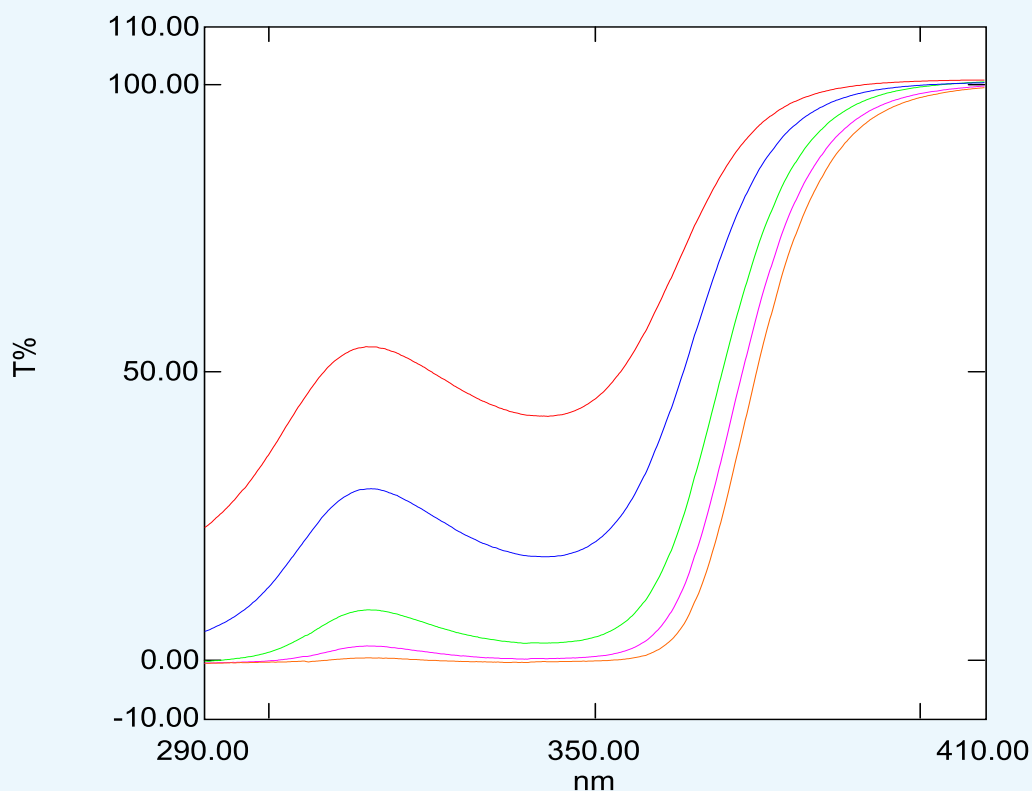
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## APPOLO-46

### 7. SPECTRAL TRANSMISSION



- Appolo-46 0.001% (Toluene cell thickness =1 cm) - RawData
- Appolo-46 0.002% (Toluene cell thickness =1 cm) - RawData
- Appolo-46 0.004% (Toluene cell thickness =1 cm) - RawData
- Appolo-46 0.006% (Toluene cell thickness =1 cm) - RawData
- Appolo-46 0.008% (Toluene cell thickness =1 cm) - RawData

8. HAZARD CLASSIFICATION : Non Hazardous material.



Irritant

9. ANNUAL CAPACITY : 50 MT.

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## APPOLO-46

- 10. STORAGE CONDITION** : Store in closed container at ambient temperature, protected from direct Sun light.
- 11. PACKING DETAILS** : 300 kg in big bag with PE Liner.
- 12. SHELF LIFE** : 3 years.

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