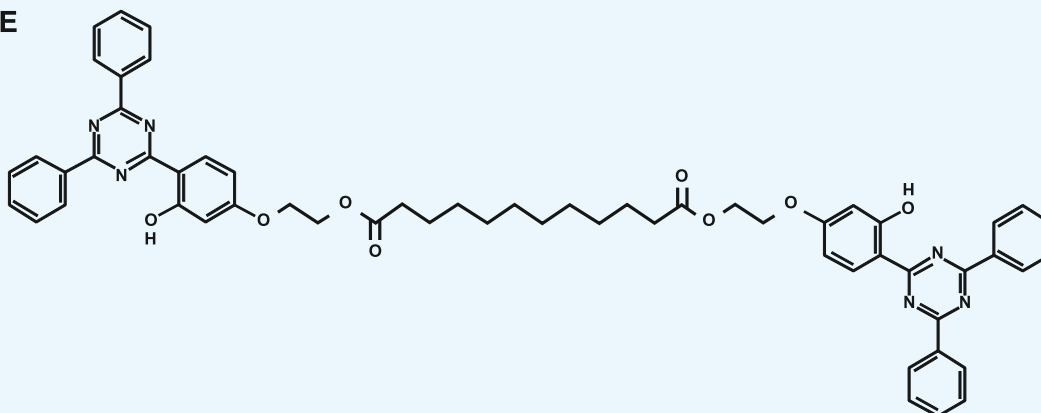


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Phone: +91(22) 6128 5566 / 4218 4218, Fax: +91(22) 4218 4350.
Web: www.sarex.com • Email: fchem@sarex.com

APPOLO-1000

1. STRUCTURE



2. PRODUCT NAME & DETAILS

Bis[2-[4-(4,6-diphenyl-1,3,5-triazine-2-yl)-3-hydroxyphenoxy]ethyl]dodacenedioate (Appolo-1000)

Product Code	: 010136
CAS No.	: 1482217-03-7
HS Code	: 2933.69.90
Molecular formula	: $C_{58}H_{56}N_6O_8$
Molecular weight	: 965.1

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
Bis[2-[4-(4,6-diphenyl-1,3,5-triazine-2-yl)-3-hydroxyphenoxy]ethyl] dodacenedioate	1,12-bis[2-[4-(4,6-diphenyl-1,3,5-triazine-2-yl)-3-hydroxyphenoxy]ethyl] ester Dodecanedioic acid	1482217-03-7	--
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)			Listed
Canadian Domestic Substance List (DSL)			Listed
Canadian Non-Domestic Substance List (NDSL)			Not Listed
Japanese Existing and New Chemical Substances Inventory (ENCS)			Not Listed

Disclaimer

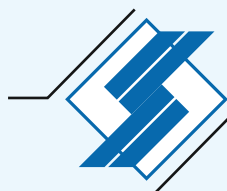
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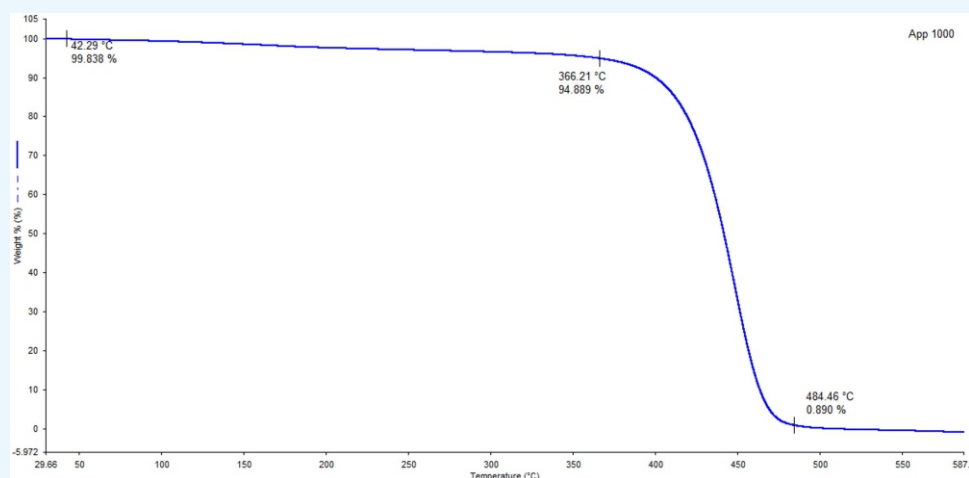
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APPOLO-1000

4. SPECIFICATION

Physical Appearance	: Pale Yellow Powder
Purity	: NLT 95%
Volatiles	: NMT 1%
Transmittance (%) 460 NM	: NLT 90.0%
Transmittance (%) 500 NM	: NLT 95.0%
Gardner	: NMT 2.0

5. TGA CURVE



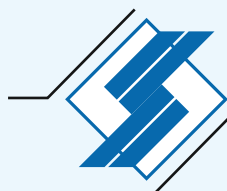
6. APPLICATION

: Appolo-1000 is Hydroxy phenyl triazine UV absorber which has very low volatility at high process temperature.

It is used in Polycarbonate, polyethylene terephthalates etc.

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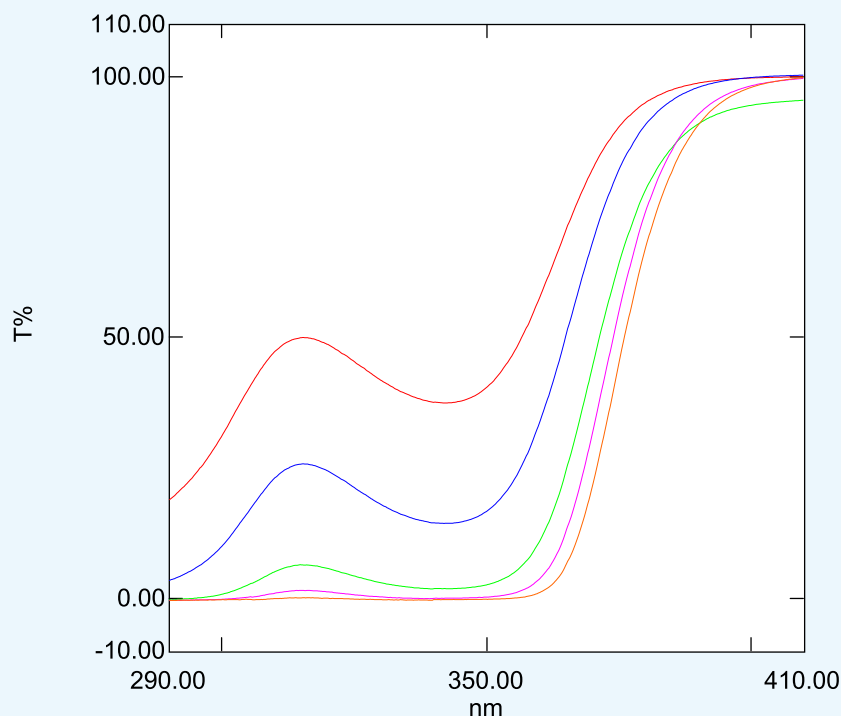


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APPOLO-1000

7. SPECTRAL TRANSMISSION



- APPOLO-1000 0.001% (Toluene cell thickness=1 cm) - RawData
- APPOLO-1000 0.002% (Toluene cell thickness=1 cm) - RawData
- APPOLO-1000 0.004% (Toluene cell thickness=1 cm) - RawData
- APPOLO-1000 0.006% (Toluene cell thickness=1 cm) - RawData
- APPOLO-1000 0.008% (Toluene cell thickness=1 cm) - RawData

8. HAZARD CLASSIFICATION : Non Hazardous material.

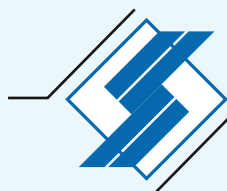


Irritant

9. ANNUAL CAPACITY : 50 MT.

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APPOLO-1000

- 10. STORAGE CONDITION** : Stored in closed container at ambient temperature. Avoid direct sunlight.
- 11. PACKING DETAILS** : 300 kg in big bag with PE Liner.
- 12. SHELF LIFE** : 3 years.

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