



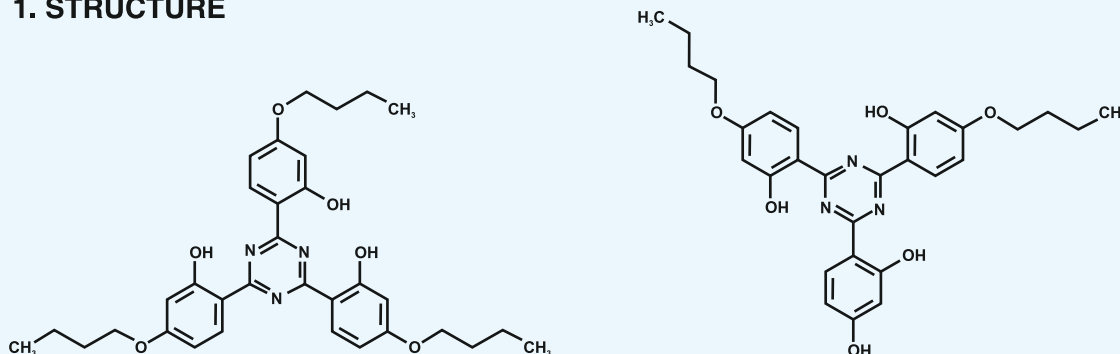
Sarex Overseas (A division of Sarex Organics Pvt. Ltd.)

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APPOLO-480

1. STRUCTURE



2. PRODUCT NAME & DETAILS

2,4,6-Tris(2-hydroxy-4-butoxyphenyl)-1,3,5-triazine & 4-[4,6-Bis(4-butoxy-2-hydroxyphenyl)-1,3,5-triazin-2-yl]-1,3-benzenediol (Appolo-480)

Product Code	: 010282
CAS No.	: 3135-19-1, 1588540-94-6
HS Code	: 2933.69.90
Molecular formula	: C ₃₃ H ₃₉ N ₃ O ₆
Molecular weight	: 573.69

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
2,4,6-Tris(2-hydroxy-4-butoxyphenyl)-1,3,5-triazine	2,4,6-Tris(2Hydroxy-4Butoxyphengl)-1,3,5-Triazine	3135-19-1, 1588540-94-6	--
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	

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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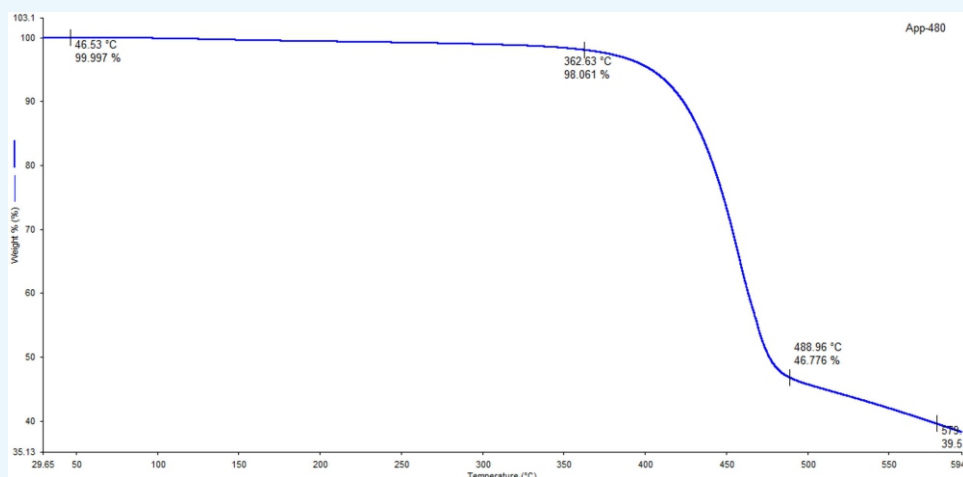


APPOLO-480

4. SPECIFICATION

Physical Appearance	: Yellow Powder
Identification (HPLC)	: RT of Sample Should Match with RT of Standard
Loss on Drying	: NMT 2.00%
Purity by HPLC (Bis & Tris)	: NLT 98.0%
Ash Contents	: NMT 1.00%
Melting Point	: 151-155 °C

5. TGA CURVE



6. APPLICATION

: Appolo-480 has excellent UV absorption ability and anti-oxidation. Therefore it is used in plastic coating additive.

It can be used for PVC, PP, ABS, engineering plastics, natural latex, varnish, paint, rubber, and so on.

It has better UV absorption ability than UV-9, UV-327, UV-531, UV-0 and so on.

It can absorb almost all UV from 300nm to near 380nm. Has better thermal stability than UV-9 and so on.

Appolo-480 has good heat tolerance, and antioxidization effect too.

Used In medical research.

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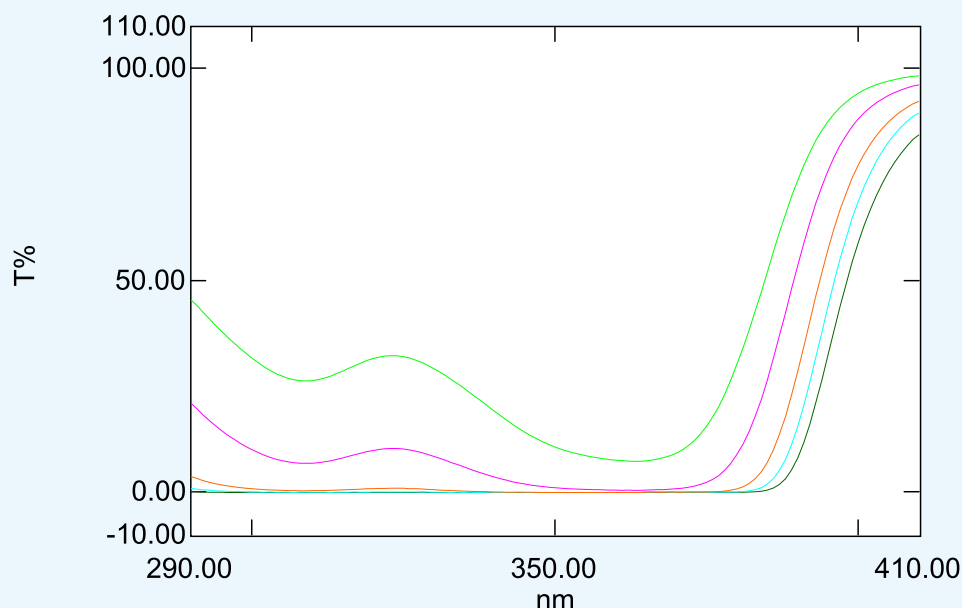
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7. SPECTRAL TRANSMISSION



APPOLO 480 0.001%(Toluene, cell thickness=1cm) - RawData
APPOLO 480 0.002%(Toluene, cell thickness=1cm) - RawData
APPOLO 480 0.004%(Toluene, cell thickness=1cm) - RawData
APPOLO 480 0.006%(Toluene, cell thickness=1cm) - RawData
APPOLO 480 0.008%(Toluene, cell thickness=1cm) - RawData

8. HAZARD CLASSIFICATION : Non Hazardous material.



Irritant

9. ANNUAL CAPACITY : 80 MT.

10. STORAGE CONDITION : Stored in closed container at ambient temperature. Avoid direct sunlight.

11. PACKING DETAILS : 20 kg in corrugated box Or 250 kg in FIBIC type C big bag.

12. SHELF LIFE : 36 months from the date of packing in closed container.

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