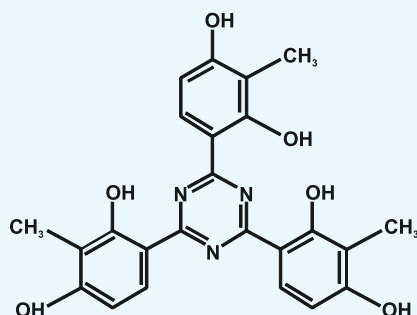


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APPOLO-461

1. STRUCTURE



2. PRODUCT NAME & DETAILS

4,4',4''-(1,3,5-triazine-2,4,6-triyl)tris(2-methylbenzene-1,3-diol) (Appolo-461)

Product Code	: 010661
CAS No.	: 434942-20-8
HS Code	: 2933.69.90
Molecular formula	: C ₂₄ H ₂₁ N ₃ O ₆
Molecular weight	: 447.45

3. REGULATORY INFORMATION

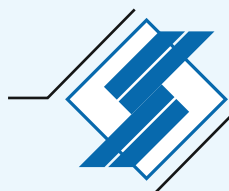
Chemical name	Common names and synonyms	CAS number	EC number
4,4',4''-(1,3,5-triazine-2,4,6-triyl)tris(2-methylbenzene-1,3-diol)	4,4',4''-(1,3,5-triazine-2,4,6-triyl)tris(2-methylbenzene-1,3-diol)	434942-20-8	--
European Inventory of Existing Commercial Chemical Substances (EINECS)		Not Listed	
EC Inventory		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	: Yellow Powder
Identification (HPLC)	: RT of Sample Should Match With RT of Std
Loss On Drying	: NMT 1.00%
Purity By HPLC	: NLT 98.0%

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.

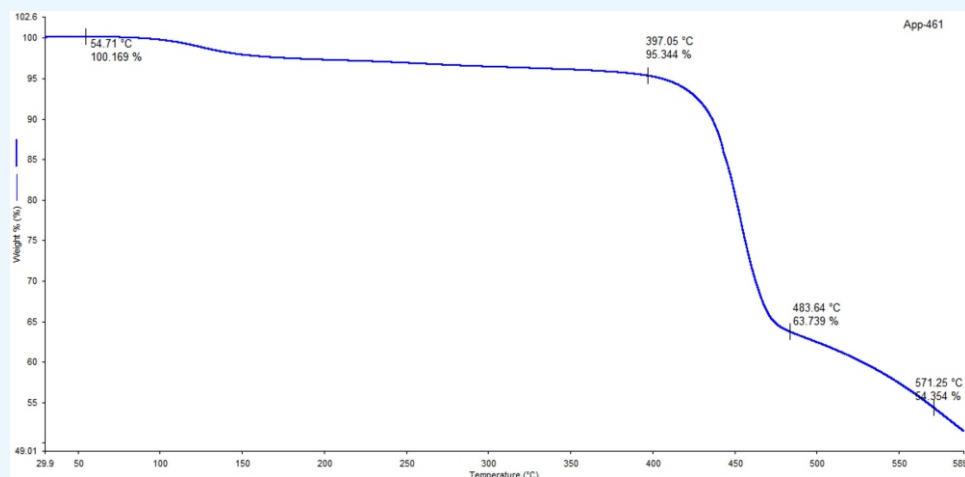


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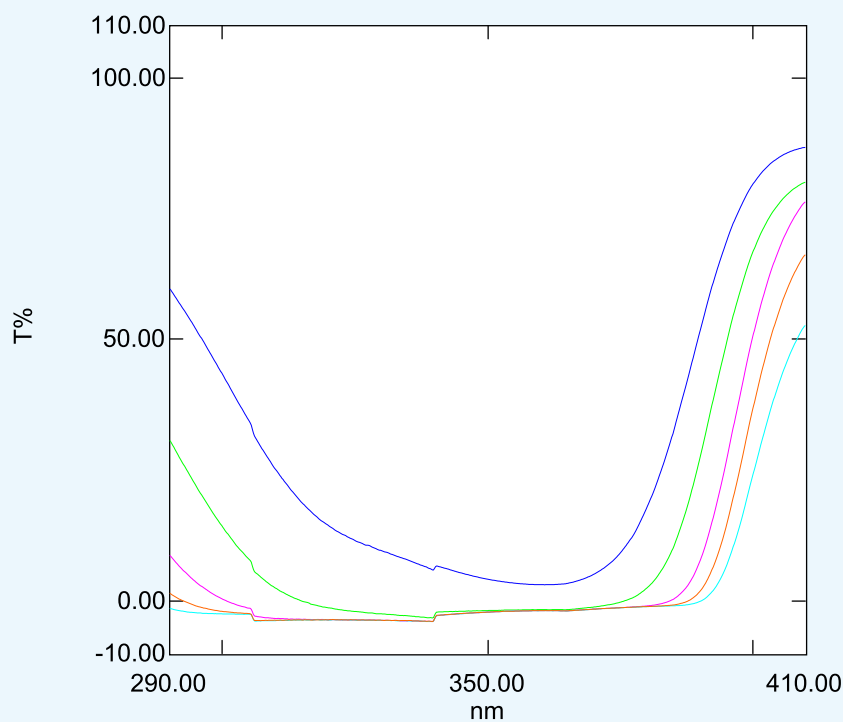
5. TGA CURVE



6. APPLICATION

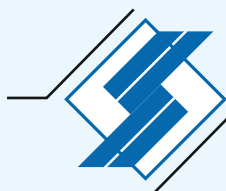
: Used as intermediate to manufacture Appolo-462 which is UV absorber additive for general plastics and coatings.

7. SPECTRAL TRANSMISSION



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APPOLO-461

7. SPECTRAL TRANSMISSION

	APPOLO-461 0.001%(DMF cell thickness=1 cm) - RawData
	APPOLO-461 0.002% (DMF cell thickness=1 cm) - RawData
	APPOLO-461 0.004% (DMF cell thickness=1 cm) - RawData
	APPOLO-461 0.006% (DMF cell thickness=1 cm) - RawData
	APPOLO-461 0.008% (DMF cell thickness=1 cm) - RawData

8. HAZARD CLASSIFICATION : Non Hazardous material.



Irritant

9. ANNUAL CAPACITY : 50 MT.

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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