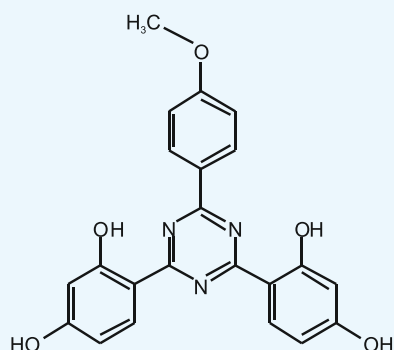


# Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

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## APPOLO-125

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 2-(4-Methoxyphenyl)-4,6-bis-(2,4-dihydroxyphenyl)-1,3,5-triazine (Appolo-125)

Product Code	: 001344
CAS No.	: 1440-00-2
HS Code	: 2933.99.00
Molecular formula	: C <sub>22</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>
Molecular weight	: 403.380

### 3. REGULATORY INFORMATION

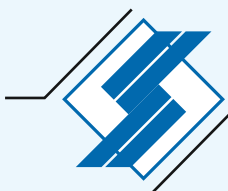
Chemical name	Common names and synonyms	CAS number	EC number
3-hydroxy-4-[4-(2-hydroxy-4-oxocyclohexa-2,5-dien-1-ylidene)-6-(4-methoxyphenyl)-1H-1,3,5-triazin-2-ylidene]cyclohexa-2,5-dien-1-one	3-hydroxy-4-[4-(2-hydroxy-4-oxocyclohexa-2,5-dien-1-ylidene)-6-(4-methoxyphenyl)-1H-1,3,5-triazin-2-ylidene]cyclohexa-2,5-dien-1-one	1440-00-2	444-500-0
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed
EC Inventory			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)			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	: Light Yellow Powder
Loss on Drying at 150°C	: NMT 1.00%
Purity by HPLC	: NLT 98.5%
Identification (HPLC)	: Should Comply The Test
Total Impurities (HPLC)	: NMT 1.50%

#### 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-125

### 4. SPECIFICATION

Ash Contents	: NMT 0.10%
Iodine Colour	: NMT 15.0
TRIS Resorcinol Triazine	: NMT 0.50%
2,4-Dichloro-6(4-methoxyphenyl)1,3,5-triazine	: NMT 0.50%

### 5. APPLICATION

- It is intermediate of Bemotrizinol.
- Bemotrizinal is used as sun screen in cosmetics.
- Bemotrizinol or Bis-ethylhexyloxyphenol methoxyphenyl triazine is a broad-spectrum UV absorber, absorbing both UVA and UVB.
- Bemotrizinol is added to various sunscreens to absorb UV radiation of sun rays.
- Compared to older broad-spectrum chemical agents, bemotrizinol is more fat soluble (oil soluble in cosmetic oils) to aid in efficacy and broad-spectrum activity
- It is claimed to be photostable, which increases its onset of action and its efficiency in providing protection against UV-rays upon topical application.

**6. HAZARD CLASSIFICATION** : Non Hazardous material.



Irritant

Oxidizing

**7. CAPACITY** : 80 MT Per Year

**8. STORAGE CONDITION** : Store in closed container at ambient temperature. Avoid direct sunlight.

**9. PACKING DETAILS** : 25 kg Nett weight in wide mouth HDPE container with lid.  
2 PE liners strip sealed separately.

**10. SHELF LIFE** : 3 years.

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