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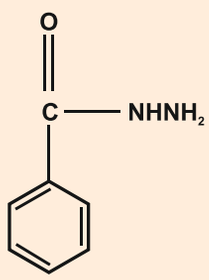
BENZOIC HYDRAZIDE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

Benzoic Hydrazide

Product Code	**: 002987**
CAS No.	**: 613-94-5**
HS Code	**: 2906.29.90**
Molecular formula	**: $C_7H_8N_2O$**
Molecular weight	**: 136.15**

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
Benzoic Hydrazide	Benzohydrazide	613-94-5	210-363-9

European Inventory of Existing Commercial Chemical Substances (EINECS)	Listed
EC Inventory	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)	Not Listed
Canadian Domestic Substance List (DSL)	Not Listed
Canadian Non-Domestic Substance List (NDSL)	Listed
Japanese Existing and New Chemical Substances Inventory (ENCS)	Not Listed

4. SPECIFICATION

Physical Appearance	**: White To Yellowish White Shiny Flakes**
Melting Point	**: 111.0 to 116.0°C**
Moisture Content (KF)	**: NMT 1.00%**
Solubility Freely Soluble In Methanol	**: Freely Soluble In Methanol**
Residue On Ignition	**: NMT 0.50 %**
Identify By FTIR	**: Should Comply**
Assay (by Titration Non Aqueous)	**: NLT 98.0%**
Sum Of Additional Spot By (TLC)	**: Max 1%**

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 warrenty.

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5. APPLICATION

- Used as general indusrtial fine chemical.
- It is used as intermediate / building block for API.
- It is intermediate of Azelastine, Benmoxin, Benzpiperylon, Piperylone, Zorubicin, Flezelastine
- Benzoyl Hydrazine is an acyl hydrazide as potent antioxidant.
- **Benzoyl Hydrazine can be used in the synthesis of:**
  - Silicon benzoate
  - N-[4-(3-hydroxypropyl)-3,6-dihydro-2H-pyridin-1-yl]benzamide
  - 2-Isopropyl-5-phenyl-1,3,4-oxadiazole
  - N-[(E)-(2-hydroxy-1,2-diphenylethylidene)amino]benzamide

6. HAZARD CLASSIFICATION : Hazardous substance. **(UN No. 2811)**

Acute Toxic

7. ANNUAL CAPACITY : 120 MT

8. STORAGE CONDITION : Store in closed container at ambient temperature. Avoid direct sun light.

9. PACKING DETAILS : 25 Kg corrugated box with PE liner.

10. SHELF LIFE : 1 year.

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