

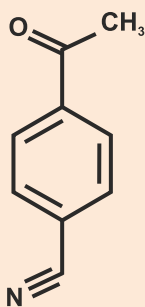


# Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

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## 4-ACETYL BENZONITRILE

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 4-Acetylbenzotrile

|                   |                                    |
|-------------------|------------------------------------|
| Product Code      | : 002102                           |
| CAS No.           | : 1443-80-7                        |
| HS Code           | : 2926.90.00                       |
| Molecular formula | : C <sub>9</sub> H <sub>7</sub> NO |
| Molecular weight  | : 145.16                           |

### 3. REGULATORY INFORMATION

| Chemical name  | Common names and synonyms | CAS number | EC number  |
|--|---------------------------|------------|------------|
| 4'-cyanoacetophenone   | 4'-cyanoacetophenone      | 1443-80-7  | 215-885-0  |
| European Inventory of Existing Commercial Chemical Substances (EINECS)   |                           |            | 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) |                           |            | 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          | : White To Off White Crystalline Powder |
| Moisture Content (KF)        | : NMT 0.50%                             |
| Solubility 5% w/v In Acetone | : Clear Solution                        |
| Identify By FTIR             | : Should Comparable With Standard       |
| Purity By HPLC               | : NLT 99.0%                             |

#### 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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## 4-ACETYL BENZONITRILE

### 4. APPLICATION

- It is used as raw material to manufacture industrial organic chemicals.
- 4-Acetylbenzotrile was used in the synthesis of imidazole derivatives.
- 4-Acetylbenzotrile can be used in the preparation of antimalarial isonitriles.  
It is also used for synthetic API such as anesthetic agents and anti-allergic agents.

5. HAZARD CLASSIFICATION : Non-Hazardous substance.



Irritant

6. ANNUAL CAPACITY : 5 MT.

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

8. PACKING DETAILS : 20 kg net in HDPE container.

9. SHELF LIFE : 3 Years.

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