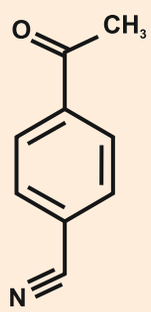
Sarex Overseas (A division of Sarex Organics Pvt. Ltd.)
Corporate Office: 501-502, Waterford, C Wing, Juhu Lane, Andheri (W), Mumbai - 400 058, India.
Phone: +91(22) 6128 5566 / 4218 4218, **Fax:** +91(22) 4218 4350.
Web: www.sarex.com • **Email:** fchem@sarex.com

4-ACETYLBENZONITRILE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

4-Acetylbenzonitrile

Product Code	**: 002102**
CAS No.	**: 1443-80-7**
HS Code	**: 2926.90.00**
Molecular formula	**: C_9H_7NO**
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 Crystaline 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 warrenty.

Sarex Overseas (A division of Sarex Organics Pvt. Ltd.)
Corporate Office: 501-502, Waterford, C Wing, Juhu Lane, Andheri (W), Mumbai - 400 058, India.
Phone: +91(22) 6128 5566 / 4218 4218, **Fax:** +91(22) 4218 4350.
Web: www.sarex.com • **Email:** fchem@sarex.com

4-ACETYLBENZONITRILE

4. APPLICATION

- It is used as raw material to manufacture industrial organic chemicals.

- 4-Acetylbenzonitrile was used in the synthesis of imidazole derivatives.

- 4-Acetylbenzonitrile 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.

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.