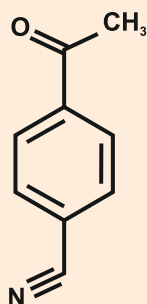


Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

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4-ACETYL BENZONITRILE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

4-Acetylbenzonitrile

Product Code	: 002102
CAS No.	: 1443-80-7
HS Code	: 2912.49.90
Molecular formula	: C ₉ H ₇ NO
Molecular weight	: 145.16

3. REGULATORY INFORMATION

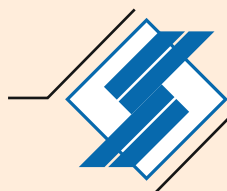
Chemical name	Common names and synonyms	CAS number	EC number
4'-cyanoacetophenone	4'-cyanoacetophenone	1443-80-7	215-885-0
European Inventory of Existing Commercial Chemical Substances (EINECS)		Listed	
EC Inventory		Listed	
United States Toxic Substances Control Act (TSCA) Inventory		Not Listed	
China 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%
4-chloroacetophenone By HPLC	: NMT 0.05%

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-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.



6. CAPACITY : 5 MT per year.

Irritant

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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