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Acetone

1. Description :

The high purity cumene is produced by the alkylation of benzene with propylene. The synthesis of phenol and acetone from cumene and air occurs in the oxidation, concentration, and decomposition sections. High quality acetone product is achieved through a combination of minimizing impurity formation and efficient purification techniques.

2. Technolgy Source :

UOP Acetone process

3. Typical Properties :

No	Items	Specification	Test Method
1	Appearance	Colorless, Transparent	Visual
2	Purity, wt%	99.6 min.	GC Method
3	Water, wt%	0.3 max.	ASTM D-1364
4	Color, APHA	10 max.	ASTM D-1209
5	Permanganate Test, minutes	120 min.	ASTM D-1363
6	Specific Gravity(20/20°C)	0.790 ~ 0.793	ASTM D-4052
7	Water Solubility	Pass	ASTM D-1722
8	Acidity (As Acetic Acid), wt%	0.002 max.	ASTM D-1613
9	Non-Volatile Matter, g/100ml	0.002 max.	ASTM D-1353
10	Dist. Range, °C(including 56.1°C)	1.0 max.	ASTM D-1078

4. Characteristics

Acetone is miscible with water and serves as an important solvent , typically as the solvent of choice for cleaning purposes in the laboratory.

5. Application :

- Bisphenol A
- Acetone cyanohydrin
- Solvent
- Isopropanol
- MIBK (4-Methylpentan-2-one)

6. Package :

Bulk shipping transport: (Min 500 TON)

Tank Lorry :18MT per container

Drum : 160kg/pc

7. Storage:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from sources of ignition, incompatible substances, and flammable-area. Keep warehouse to avoid direct sunshine and rain..

