Product Description-TDS

Product Name: Boron trifluoride etherate

Product Information

CAS No: 109-63-7

Molecular Formula: C4H10BF3O

Molecular Weight：141.93

Molecular Structure: 

Other Items：

Items	Requirements
BF3 content	46.8%~47.8%
Water	≤0.5%
Density	1.12~1.14g/ml
Appearance	Colorless or clear light yellow liquid

Package:

200L/barrel

Application:

Boron trifluoride ethyl ether complex, commonly known as boron trifluoride diethyl ether, is commonly used as a catalyst for cationic polymerization, as well as a catalyst for the manufacture of paraben rubber and paraformaldehyde, and Chemicalbook is a basic raw material for the manufacture of borohydride high energy fuel and the extraction of isotopic boron. It is often used as a catalyst for chemical synthesis and is also the basic raw material for the manufacture of borohydride high-energy dyes and the extraction of isotope boron10. It is used as a catalyst for the synthesis of rubber, resin, and paint. It is used as a catalyst for hydrocarbonization and condensation reactions in organic synthesis (such as cis-butyl rubber, paraformaldehyde, gumarone, synthetic resins, etc.), as well as a basic raw material for the manufacture of borohydride high energy fuel or extraction of isotopic boron, and as a curing agent for epoxy resin, etc. It is used as a catalyst for acetylation, alkylation, polymerization, dehydration by the condensation reaction of organic synthesis and analytical reagent. It is the basic raw material for the manufacture of borohydride high-energy fuel and extraction of isotopic boron and is also used as a curing agent for epoxy resin. Used as a catalyst for organic synthesis (acetylation, alkylation, polymerization, dehydration, and condensation reaction) and analytical reagent. Used as a general analytical reagent, also used as a catalyst for hydrocarbonization and condensation

reactions in organic synthesis.

Storage:

Store in tightly closed containers, cool and dry. Protect from heat, oxygen and light.