




TECHNICAL DATA SHEET

Product	2-Butene-1,4-diol
Chemical Name	CIS-1,4-DIHYDROXY-2-BUTENE;butene-1,4-diol;
CAS	110-64-5
Chemical Formula	C ₄ H ₈ O ₂
Molecular Weight	88.11
EINECS Number	203-787-0
Molecular structure	

SPECIFICATION:

ITEM	STANDARD LIMITS
Appearance	Colorless to pale yellow clear liquid
Water	≤0.3%
2-Butene-1,4-diol	≥98.5%
CIS-2-Butene-1,4-diol	≥95.5%
Trans-form-2-Butene-1,4-diol	≤3.0%
1,4-Butandiol	≤1.0%
1,4-Butynediol	≤0.1%

Packaging:

25kgs drum or IBC Drum.

Application:

- 1) Used as plasticizer of alkyd resin, cross-linking agent of synthetic resin, bactericide, etc. it can also be used to prepare 1,4-butanediol, etc
- 2) It is a pesticide and pharmaceutical intermediate. It is used to synthesize endosulfan alcohol, an intermediate of organochlorine pesticide endosulfan.
- 3) It is mainly used as an intermediate for the preparation of pesticides, agricultural chemicals and vitamin B6, and a small amount is used in the production of polymers.
- 4) It can be used as plasticizer of alkyd resin, cross-linking agent of synthetic resin, bactericide, etc. it can also be used to make nylon, medicine, 1,4-butanediol, etc

Shelf Life:

2 years in original packaging containers.