TNJ®
Specialized in chemicals

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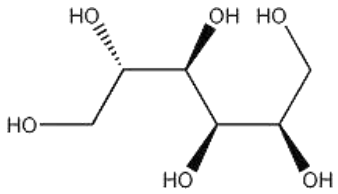
Technical Data Sheet

Basic information

Chemical name	Sorbitol solid	Formula	C6H14O6
Synonyms	D-galactitol; D-Glucitol; D-Sorbitol;	Chemical structure	
CAS.No.	50-70-4		
EINECS No.	200-061-5		
Molecular weight	182.17		

Physical properties

Appearance	White crystalline granule or powder
Density,25℃,g/cm3	1.28
Melting point,℃	98-100
Flash point,℃	>100
Solubility	Soluble in water .

Specification

Items	**Powder 98 (BP2011/USP30/FCCV)**
Appearance	White crystalline granule or powder
Assay，%	≥99.0
Sorbitol，%	≥98.0
Reducing sugars,%	≤0.15
Total sugars，%	≤0.5
pH (50% aq.sol.)	5.0 - 7.0
Residue on ignition	≤0.1
Heavy Metals,ppm	≤5.0
Nickel,ppm	≤1.0
Lead，ppm	≤1.0
Arsenic,ppm	≤1.0
Chloride,ppm	≤50
Sulphate，ppm	≤50
Total bacterium，p/g	≤100

Application

Sweetener:	Sorbitol is a sugar substitute often used in diet foods (including diet drinks and ice cream) and sugar-free Chewing gum, mints and cough syrups
Pharmaceutical	As the excipient for processing Vitamin C, injection, humectant and stabilizing agent.

Chemical industry:	Humectant for toothpaste, with moisturizing protection and cool, comfortable, and delicious sweet taste, anti dry reagent for cosmetic, surface active agent

Package

25kg/bag, 20mt/20"fcl without pallet.

Safety on transportation

It belongs to common goods for transportation, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us.However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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