



TYH Enterprise Limited

Shanghai Shenyu Pharmaceutical & Chemical Co. Ltd.



POTASSIUM BOROHYDRIDE POWDER

- Alternative name : Potassium Tetrahydroborate
- Formula : KBH_4
- Properties :
 - soluble in water
 - low grade alcohol and tetrahydrofuran
 - easy to absorb moisture
 - decomposes and releases hydrogen when contacting acid
 - unstable in air
 - flammable
- Specifications :
 - (1) Appearance : white crystalline powder
 - (2) Assay : $\geq 97\%$
 - (3) Water : $\leq 0.3\%$
 - (4) pH value : slightly alkaline
- Usage :
 - practical reducing agent with excellent characteristics of extensive selectivity, less side reaction and reducing quantitatively with quality products.
 - able to reduce chemicals and compounds such as aldehyde, ketone and acyl haloid effectively under mild conditions of normal temperature and pressure.
 - widely used in fine chemical synthetic fields of pharmaceutical, pesticide, perfume and dyestuff.
- Packing :
 - in 30Kgs-iron drums lined poly plastic pocket or as per request.
- Precautions :
 - kept dry, away from water, fire, acid and oxidizing agent.
 - use extinguisher 1211, sodium carbonate and dried sand when flaming.