



Specialized in chemicals

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Technical Data Sheet

Sodium Borohydride Solid

Product Information

Chemical Name	Sodium borohydride
CAS #	16940-66-2
EINECS	241-004-4
Formula	BH ₄ Na
Molecular Weight	37.83
Synonyms	Sodium tetrahydroborate, NaBH ₄
Chemical structure	



Description

White powder or granules,Strong moisture absorption,easy bibulous deliquescence.Soluble in water and lower alcohol, liquid ammonia, insoluble in ether, benzene, hydrocarbons.

Physical Properties

Color	White powder or granules (SOLID)
Solubility	500 g/ mL at 25 °C
Melting Point	> 300 °C (dec.) (lit.)
Boiling Point	500 °C(lit.)
Flash Point	158 °F
Density,@25 °C	1.07
Sensibility	Hygroscopic

Specification

<u>Item</u>	<u>Specifications</u>
Appearance	White powder or granules
Assay (GB),%	≥98.0
Water, %	≤0.2

Applications

- In pharmaceuticals industry, especially as a reducing agent on Antibiotic,etc.
- Paper manufacturing industry, especially to make newspaper avoid becoming yellow,etc.
- As plastic vesicant in plastic industry,then in leather industry and textile industry,etc.
- Be used in waste water treatment to remove heavy metal.

Packing

Solid: 98% powder or granule
30kg Iron drum, 8,000kg per 20ft container with pallets;
50 kg Iron drum , 7,500kg per 20ft container with pallets.

Storage & Handling

Unstable. Keep container dry. Keep container tightly closed, in a cool, well-ventilated area.
Keep away from extreme heat and oxidizing agents.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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