

# SODIUM BOROHYDRIDE (POWDER)



CAS Number: 16940-66-2

Other Names: Sodium tetrahydridoborate; sodium boranuide

Formula:  $\text{NaBH}_4$  or  $\text{BH}_4\text{Na}$

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## PRODUCT INTRODUCTION

Sodium borohydride is an inorganic sodium salt and a metal tetrahydridoborate. Sodium borohydride is a white to grayish crystalline powder. Sodium borohydride is soluble in protic solvents such as water and lower alcohols. It is a reducing agent that finds application in chemistry, both in the laboratory and on a technical scale.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine White Powder
Purity	99.3 %

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## APPLICATIONS

- The principal application of sodium borohydride is the production of sodium dithionite from sulfur dioxide: Sodium dithionite is used as a bleaching agent for wood pulp and in the dyeing industry.
- Sodium Borohydride is a versatile and selective reducing agent that has a variety of applications in manufacturing of pharmaceutical active ingredients, crop protection agents, aroma compounds and other fine chemicals.
- They are commonly used in Reduction of Aldehydes / Acid Chlorides / Anhydrides to primary Alcohols, Reduction of Ketones to secondary Alcohols, Reduction of Imines to Amines, Removing impurities and purification of process streams.
- Sodium borohydride can be used to reduce foxing in old books and documents.
- It is also used in perfumery industries

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## PACKAGING OPTIONS

Drums

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To Get a Quote, Email On [marketing@sanjaychemindia.com](mailto:marketing@sanjaychemindia.com)