

SODIUM BOROHYDRIDE (GRANULAR)



CAS Number: 16940-66-2

Other Names: Sodium tetrahydridoborate; sodium boranuide

Formula: NaBH_4 or BH_4Na

PRODUCT INTRODUCTION

Sodium borohydride is an inorganic sodium salt and a metal tetrahydridoborate. It appears as white to grayish granules. 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.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Granules
Purity	99.9 %

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

PACKAGING OPTIONS

Drums

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