

SODIUM METHOXIDE POWDER



CAS Number: 124-41-4

Other Names: Sodium methanolate; Sodium methylate; Methoxysodium

Formula: CH_3ONa or CH_3NaO

PRODUCT INTRODUCTION

Sodium methoxide is a chemical compound with the formula CH_3ONa . This appears as white crystalline powder, which is formed by the deprotonation of methanol and it is a widely used reagent in industry and the laboratory. It is also a dangerously caustic base.

PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | White Crystalline Powder |
| Solubility | Free soluble in water, soluble in alcohol and methanol |
| Identification | Positive to Sodium test |
| Moisture Content by KF | 0.25 %w/w |
| Free Alkalinity as NaOH | 0.55 %w/w |
| Total Alkalinity as NaOCH_3 | 99.34 %w/w |
| Sodium Carbonate Content | 0.24 %w/w |
| Chlorides | 100 ppm |
| Mercury Content | NIL |
| Iron Content | Not more than 10 ppm |

APPLICATIONS

- Sodium methoxide in powder form is mainly used in pharmaceutical industry, such as the manufacture of Vitamin A1, Vitamin B1, Sulfamethoxypyridazine, Sulfadiazine, trimethoprim.
- It can also be used as catalyst in Biodiesel Industry.
- Sodium Methoxide can also be applied as edible catalyst and analytical reagent.
- Apart from this Sodium Methoxide is used in Agriculture, Colorants, Foods, Optical brighteners, Flavouring agents.

PACKAGING OPTIONS

Drums

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