





# Product Specification

cdhfinechemical.com

## SODIUM METHOXIDE

PRODUCT CODE	220170
SYNONYMS	(Sodium methylete)
C.I. NO.	--
CASR NO.	(124-41-4)
ATOMIC OR MOLECULAR FORMULA	NaOCH <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	54.02
PROPERTIES	Hygroscopic.
PARAMETER	LIMIT
Description	White to pale yellow crystalline powder.
Solubility	10% solution in methanol is slight opalescent and pale yellow.
Minimum Assay (Calculated; as NaOCH <sub>3</sub> )	97.5%
Total alkalinity (as NaOCH <sub>3</sub> )	Min. 99.0%
MAXIMUM LIMIT OF IMPURITIES	
Na <sub>2</sub> CO <sub>3</sub>	0.3%
NaOH (Calculated)	1.1%
Methanol (Calculated)	1.5%
Water (by K/F)	0.5%
Note(s) : Assay (if applicable) method mentioned.	
<b>WARNING</b> <b>Hazard statements</b> : May cause drowsiness and dizziness. Catches fire spontaneously if exposed to air. May be harmful if swallowed. Causes severe skin burns and eye damage. <b>Precautionary statements</b> <b>Prevention</b> : Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Do not allow contact with air. Wash thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. <b>Response</b> : Specific treatment: refer to Label or MSDS. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/ shower. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire, use dry agent for extinction. Absorb spillage to prevent material damage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Brush off loose particles from skin and immerse in cool water/wrap with wet bandages. <b>Disposal</b> : Add a little at a time (2 to 5 gm) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste	
Hazard Pictogram(s) :-	
 	
GHS02 GHS05	

Replace date 2-June-2023