

5070 – SODIUM HYDROXIDE FLAKES

REF NO: TBL/QA/SS/F/5070	STANDARD SPECIFICATION FOR SODIUM HYDROXIDE FLAKES	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
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PRODUCT PROPERTIES

C.A.S Number	1310-73-2
Chemical Formula	NaOH
Formula weight	40.00
Functional Uses	Sodium hydroxide has a pH of 13, indicating that it is strongly basic or alkaline, and is mostly employed in the production of soaps and cleaners.
Standard Packaging	50 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or nearly white flakes, sticks, fused masses or In any other form.
Solubility	Very soluble in water, freely soluble in ethanol.
Test for alkali	Passes test
Test for sodium	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Carbonate as Na ₂ CO ₃	NMT – 3.0%
Lead	NMT – 2.0 mg/kg
Mercury	NMT – 1.5 mg/kg
Purity as NaOH	NLT – 95.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

