

Product Data Sheet

Sodium Hydroxide (Flake) Solid

Caustic soda flakes (sodium hydroxide flakes) are flakes in white color which are hygroscopic and soluble in water. Caustic soda flakes are obtained by evaporating of qualified liquid caustic soda which is produced by membrane technology.

Applications:

- Acid neutralization
- Manufacturing of soaps and detergents
- Pulp and paper industry
- Oil and gas industry
- Pharmaceutical industry
- Aluminum processing

Row	Physical and Chemical Properties	ISIRI Compliant Range	Range	Standard Reference
1	Purity of Sodium Hydroxide (NaOH) _ % W/W	Min 98	Min 98	ISIRI 364
2	Carbonate as Na ₂ CO ₃ _ % W/W	Max 1	Max 0.5	ISIRI 364
3	Chloride as NaCl _ % W/W	Max 0.06	Max 0.02	ISIRI 364
4	Sulfate as Na ₂ SO ₄ _ % W/W	Max 0.01	Max 0.005	ISIRI 364
5	Silicate as SiO ₂ _ % W/W	Max 0.02	Max 0.005	ISIRI 364
6	Iron as Fe _ mg/Kg	Max 30	Max 15	ISIRI 364
7	Insoluble in Water _ % W/W	Max 0.1	0	ISIRI 364
8	Aluminum as Al ₂ O ₃ _ mg/Kg	Max 20	Max 20	ISIRI 364
9	Heavy Metals as Pb _ mg/Kg	Max 20	Max 20	ISIRI 364
10	Mercury as Hg _ mg/Kg	Max 0.2	Max 0.15	ISIRI 364
11	Arsenic as As _ mg/Kg	Max 2	Max 0.5	ISIRI 364
12	Appearance	White Color, Free of Visible Impurities	OK	ISIRI 364