

Product name:

Sodium hydrogen carbonate

Synonyms: Baking soda, sodium bicarbonate, bicarbonate of soda

CAS number: 144-55-8

| General information: | | |
|----------------------|---|--|
| | Chemical formula: NaHCO ₃ | Molar Mass: 84.01 g/mol |
| | Appearance: White solid | Density: 2.22 g/cm ³ (20 °C) |
| | Solub. in water: 96 g/l (20 °C) | Melting point: 270 °C (decomposition) |
| | Boiling point: N/A | Flash point: N/A |
| | Storage temp.: Below +30 °C | Cautions: Causes eye irritation |
| | R: N/A | S: N/A |
| | HS-No.: 2836 30 00 | EC-Index-No.: 205-633-8 |

Hazard Symbol



Safety Information

Grade

Laboratory

| Specification: | | | | |
|-------------------------------|---|--|--------------|-----|
| Assay | | | 99.0 – 100.5 | % |
| Insoluble substances | | | Conforms | |
| Identification (sodium) | | | Conforms | |
| Identification (Bicarbonate) | | | Conforms | |
| Chloride (Cl) | ≤ | | 0.015 | % |
| Loss on drying (silica gel) | ≤ | | 0.25 | % |
| Normal Carbonate | | | Conforms | |
| Limit of Sulfur Compounds | ≤ | | 0.015 | % |
| Arsenic | ≤ | | 2 | ppm |

| Ordering code | 1 kg | 2.5 kg | 5 kg | 10 kg | 20 kg |
|---------------|-----------------|--------|-----------------|-----------------|-------|
| P.E. | 430.05.01000.02 | | 430.05.05000.02 | 430.05.10000.02 | |
| Glass | | | | | |