



PRODUCT CODE: 141647

Sodium Carbonate 10-hydrate pure

$\text{CNa}_2\text{O}_3 \cdot 10\text{H}_2\text{O}$

$\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$

M.= 286,14

CAS [6132-02-1]

EINECS 207-838-8

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PHYSICAL DATA: crystalline powder, White, Soluble in water 210 g/l at 20 °C D 1,46 • M.P.: 34 °C • pH11 - 12 •

BIBLIOGRAPHY: Merck Index **12**, 8.739 13, 8.668 Sax **SFO000** • Römp **8** , **2729** • Kühn-Birett **N 36** • Fieser **7332**
• ISO 6353/2-1983R - 31 , 43 • Ph. Eur. **9.0** (2017) 150**29.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) •
Regulation (EU) n° 231/2012 •

HAZARDOUS: C.E: 011-005-00-2 • RTECS: VZ 4050000 • LD50 oral rat 4.000 mg/kg • LC50 rat 2300mg/m3 / 2h
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H: H319 •

P: P264 • P280 • P305+P351+P338 • P337+P313 •

OBSERVATIONS: Not recommended in areas with a very hot climate •

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
Insoluble matter in H2O	0,025 %
Chloride (Cl)	0,005%
Nitrogen compounds (as N)	0,002%

Sulfur compounds (as SO ₄)	0,01 %
Phosphate (PO ₄)	0,002 %
Heavy metals (as Pb)	0,002%
As	0,0001 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
K	0,05 %
Mg	0,01 %
Ni	0,001 %
Pb	0,001 %

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