



FICHA TECNICA

CARBONATO DE SODIO DENSO

Dense Soda Ash

Origin	Green River, WY USA
Chemical name: Sodium carbonate / Soda ash	
CAS – N°	497-19-8
EINECS – N°	207-838-8
EC – N°	011-005-00-2
CLP Classification : H319	Causes serious eye irritation
Chemical formula	Na ₂ CO ₃
Molecular weight	106
Physical properties	
Appearance: White powder	
Density in kg/dm ³	2,533
Melting point °C	851
Solubility in water at 20°C in g/1000g	214
pH (1% in water)	11,26

Product Data Sheet

➤ Applications

Glass Industry – Raw Material for melting

Chemical Industry – Production of sodium derivatives

Detergents – Alkaline support

Metallurgical processes – Desulfurization of pig iron – Raw material for melting, ...

Flue gas treatment – Removal of acidic components

➤ Transport / Packaging

Bulk: wagon, truck, ship

Packaging: plastic bags, bulk bags

Typical analytical values

	Green River, WY USA
Chemical analysis	
Na ₂ CO ₃ (Na ₂ O) *	99,8 % (58,4 %)
NaCl	0,03 %
Na ₂ SO ₄	0,01 %
CaO	50 ppm
MgO	65 ppm
Fe ₂ O ₃	3 ppm
Free flowing density	1,00 kg/dm ³

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