





PRODUCT ID

Formula	CAS nr.
Molecular weight (g/mol)	EC nr.

VISUAL CLASSIFICATIONS

Market	Energy demand	Maturity	Price
			

KEY MARKET DATA

Market size (ton/year)	53200 millions	
Product price (€/ton)	20	
CO ₂ uptake potential (ton/year)	3600 millions	4235 reference CEMCAP plants >100% capture target (1,05Gt/year) 1,05 Gt/year corresponds to about 29% of aggregates market
State-of-the-art production technology	Mined	

TECHNOLOGY ROUTE: MINERALIZATION

TRL = 9	Example of commercial product: Lignacite's Carbon Buster	
Reaction conditions		
Temperature	ambient	
Pressure	1-2 bara	
CO ₂ source	20 – 100wt%	
Mineral source	Waste, such as air pollution control residues	

For sources and definitions, please consult the original report at the [CEMCAP WEBSITE](#)

