



# Sorbacal<sup>®</sup> SP

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Sorbacal<sup>®</sup> branded products have been developed with care to ensure that they fully meet the requirements of flue gas treatment. Sorbacal<sup>®</sup> is a registered trademark of the Lhoist Group

## Product description

Sorbacal<sup>®</sup> SP is a high performance calcic reagent designed to remove gaseous acid pollutants by dry processes and related methods. Sorbacal<sup>®</sup> SP is a dry, white, ready-to-use powder.

## Applications

- removal of gaseous acid pollutants : HCl, SO<sub>2</sub>, SO<sub>3</sub>, HF, etc.
- removal of dioxins, furans and heavy metals through the addition of active carbon compounds or specific mineral substances (Minsorb)

## Usage

- to be used preferably by direct dry injection into the gas stream
- does not require previous grinding
- compatible with a very wide temperature range

### CHEMICAL CHARACTERISTICS

(Using standard operating methods)

Ca(OH)<sub>2</sub> content > 95 %

### PHYSICAL CHARACTERISTICS

Granulometry sized to

5 µm ≤ 55 %

90 µm ≥ 95 %

Bulk density: ± 400 kg/m<sup>3</sup>

### TEXTURAL PROPERTIES

BET specific surface area 40-45 m<sup>2</sup>/g

BJH porous volume

Ø < 100 nm ≥ 0.20 cm<sup>3</sup>/g

10 < Ø < 30 nm ≥ 0.10 cm<sup>3</sup>/g

## Packaging

- bulk deliveries by tanker with pneumatic unloading
- 700 kg BigBag
- sacks

## Storage

- keep away from damp
- avoid contact with aluminium
- silos for storing quicklime should ideally have a capacity of 50 to 80 m<sup>3</sup>

## Safety

Safety data sheet: calcium hydroxide

Sorbacal<sup>®</sup> SP is produced by the patented Spongiacal<sup>®</sup> process. As the commercial product is obtained from a natural product, the standard analyses described above may be subject to variations. These standard characteristics are average values and are given for information purposes only.



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