

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

# Sorbacal® SP

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# Product description

Sorbacal® SP is a high performance calcic reagent designed to remove gaseous acid pollutants by dry processes and related methods. Sorbacal® 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), content > 95 %

### PHYSICAL CHARACTERISTICS

Granulometry sized to

5 µm < 55 % ≥ **95** % 90 µm Bulk density:  $\pm 400 \, \text{kg/m}^3$ 

#### **TEXTURAL PROPERTIES**

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

BJH porous volume

Ø < 100 nm  $\geq 0.20 \text{ cm}^3/\text{q}$  $10 < \emptyset < 30 \text{ nm}$  $\geq 0.10 \text{ cm}^3/\text{q}$ 

#### **Packaging**

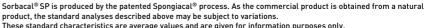
- · bulk deliveries by tanker with pneumatic unloading
- 700 kg BigBag
- sacks

### 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



These standard characteristics are average values and are given for information purposes only.



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