



Features & Benefits

Unique particle geometry

EcoSorb consists of D-shaped, irregularly sized particles. This geometry produces better packing density, minimises the distance to the center of the particle and provides greater surface area versus volume. These qualities combine to create improved absorption capacity.



- Effective shape for CO₂ absorption
- Larger surface area relative to volume
- Decreased reaction time resulting in high absorption levels
- Maximum consumption of soda lime

USP grade

Low Dust

The dust content of EcoSorb is minimal and coupled with its standard hardness, ensures zero additional dust is produced during transport and handling. This reduces the risk of dust contamination and gas flow resistance during use.

Chemical composition & anesthetic degradation

EcoSorb does not contain Potassium Hydroxide (KOH). A small amount of Sodium Hydroxide (NaOH) is in the product to act as a catalyst.



Moisture content

EcoSorb is manufactured with a moisture content of 15.5%. This attribute prevents the granules from drying out during normal usage.

CO₂ absorption capacity

In low-flow anesthesia, EcoSorb demonstrates a highly efficient absorption capacity. Test data confirms EcoSorb consistently absorbs approximately 150 liters of CO₂ per kilogram before experiencing a 0.5% CO₂ breakthrough. The ultimate benefit of this attribute is the cost saving associated with the higher absorption capacity.

	USP spec	EcoSorb
Particle size	2.36mm & 4.8mm	0.4mm & 6.3mm
Hardness	75%	95% typical
Dust	2% max	0.3%
Absorption (by weight)	19% min	25%
Humidity	12% & 19%	16%

EcoSorb is an efficient absorbent when used according to its instructions for use

*Compound A and Carbon Monoxide is only produced once the product is desiccated and no longer usable as an absorbent



EcoSorb

WHITE TO VIOLET USP MEDICAL GRADE SODA LIME

- Pack Types: 1kg cartridge, 3lb bag, Twin Pack and Pail
- High absorption capacity
- Low dust
- Unique geometry
- Low flow



Medical Grade soda lime for veterinary closed anesthesia circuits



Manufacturer

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