Carbon Dioxide Absorbents

NEW QUALITY ENHANCED COMPOSITION

CARBOLIME® carbon dioxide absorber is a granular soda lime absorbent for the efficient removal of carbon dioxide from closed and semi-closed patient breathing circuits. CARBOLIME is a quality compound which contains no potassium hydroxide (KOH). It is formed by proportionately mixing calcium hydroxide (Ca(OH)₂) with a small amount of sodium hydroxide (NaOH).

Available in three convenient package sizes, CARBOLIME is supplied as hard, irregularly shaped granules which have been processed to reduce dust formation from friction. Significant process improvements have resulted in enhancements in moisture content (12-18%), hardness, and porosity generation. As a result, CARBOLIME delivers dependable, efficient CO₂ absorption.

Allied's CARBOLIME meets or exceeds the United States Pharmacopeia - National Formulary specifications for soda lime and is manufactured in accordance with the United States Food and Drug Administration (FDA), Good Manufacturing Practices (GMP), and ISO 9002 guidelines.

FEATURES

- No KOH - Minimum anaesthetic agent degradation (e.g., sevoflurane to Compound A and other toxic products) compared to other brands containing potassium hydroxide.
- Low Dust - Minimum dust levels with high surface area and graded particle size.
- Low risk of carbon monoxide formation due to good resistance of dry gas deactivation.
- Low Bulk Density - Less weight required to fill absorber and, therefore, less waste when refilling frequently (e.g., daily) prior to full depletion.
- Low odor due to reliable control of indicator dye concentration. Odor vanishing causes amine to be released, dye undergoing causes no odor change.

Available in 2.5-lb pre-packaged cartridges, 3-lb bags for carison refill, and 5-gallon pallets.

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Container</th>
<th>Catalog Number</th>
<th>Volume</th>
<th>Net Weight Each Container</th>
<th>Gross Weight Per Carton/Pallet</th>
<th>Gross Weight Per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Package Cartridge</td>
<td>#32-55-01-0005</td>
<td>1.36 L</td>
<td>2.5 lb (11.3 kg)</td>
<td>36 lb (16.4 kg)</td>
<td>1,048 lb (568.6 kg)</td>
</tr>
<tr>
<td>Bag (12 Per Case)</td>
<td>#32-55-01-0006</td>
<td>1.64 L</td>
<td>3 lb (1.4 kg)</td>
<td>41 lb (18.6 kg)</td>
<td>1,148 lb (565.8 kg)</td>
</tr>
<tr>
<td>Pail</td>
<td>#32-55-01-0003</td>
<td>1.36 L</td>
<td>37 lb (16.7 kg)</td>
<td>40 lb (18.5 kg)</td>
<td>1,000 lb (454.5 kg)</td>
</tr>
</tbody>
</table>

Packaged for Flexibility

Non-hygroscopic CARBOLIME® is available in three convenient packages to meet the needs and applications of today's medical professional.

- Pre-Packaged Cartridge: packed in an aseptic safety wrapper, the disposable, pre-packaged cartridge eliminates monitoring, filling and spilling. The high clarity, durable polyethylene body ensures smoothness. Delivered in aseptic containers, available in 12 per case packs.

- Bag: A convenient option, the bag is designed for convenience. The dry, aseptic bag contains a sufficient amount of CARBOLIME to fill a standard 1500 gram absorber container. Available in 12 per case packs.

- Pail: An economical option, the bagged five-gallon plastic pail is designed for shipping applications.

Color Indicator and Degradation

Medical-grade CARBOLIME® contains a small amount of color indicator, which acts as a color indicator when the absorbent is nearing exhaustion. CARBOLIME® color is white to off-white. As CO₂ is absorbed, it reacts with the polyethylene, causing the granules to reactively change to purple. The purple color is instantly identified when the color indicator of the granules, when fully colored, changes to purple. The purple color is instantly identified when the color indicator of the granules, when fully colored, changes to purple. Therefore, it is essential to replace containers immediately after use.