

# SODA LIME

## CARBON DIOXIDE ABSORBENT (MEDICAL GRADE)



### INSTRUCTIONS FOR USE

**TRADE NAMES:** Sofnolime, Sofnolime SoLo, Sodasorb, Sodasorb LF, Chiralime, Limepak, Limedic, Super Limedic, Sodasthesia, Tigersorb, Durasorb

### CONTACT



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#### WARNING

Soda lime CO<sub>2</sub> absorbents have only been verified for use in combination with medical procedures and should not be used outside the scope of this instruction for use.

Do not use soda lime CO<sub>2</sub> absorbents with chloroform or trichloroethylene as carbon monoxide will be produced.

Color changes: for Sofnolime, Sodasorb and Sofnolime SoLo the color change is reversible, for Sodasorb LF the color change is permanent. Once color change has occurred throughout the volume of the canister, discard the expended product immediately.

Soda lime CO<sub>2</sub> absorbents are not an antimicrobiological filter or inhibitor. It is the responsibility of the user to take appropriate measures regarding patient cross contamination.

Soda lime CO<sub>2</sub> absorbent must be used within its shelf life. The expiration date is printed on the packaging unit.

There is potential for dust generation and migration into the breathing circuit, due to poor handling. Care should be taken to minimize risk of dust. Avoid breathing dust, which can cause irritation.

Discard the last 10mm or so of the pack of resealable containers, which may consist of dust or small granules as a result of transportation/handling.

Oxygen flush duration should not be overused. Too much high flushing of oxygen induces dehydration of soda lime CO<sub>2</sub> absorbents and inhibits its ability to absorb carbon dioxide.

Ensure storage of the product is conducted in accordance with the instructions.

Resealable containers, once opened, must be properly resealed to maintain product integrity and should in all cases be used within one month of opening.



CONSULT INSTRUCTIONS FOR USE



CAUTION



DO NOT USE IF PACKAGE IS DAMAGED



TEMPERATURE LIMIT



EXPIRY DATE



FRAGILE, HANDLE WITH CARE



CATALOG



DO NOT RE-USE



MANUFACTURER



THIS WAY UP



PERIOD AFTER OPENING



DATE OF MANUFACTURE



KEEP AWAY FROM SUNLIGHT



EUROPEAN CE MARK



BATCH CODE



KEEP DRY



DISTRIBUTOR



IMPORTER



CORROSIVE



TO BE SOLD, DISTRIBUTED OR USED UPON THE ORDER OF AN AUTHORIZED HEALTHCARE PROVIDER



AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY

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## GENERAL DESCRIPTION

Soda lime CO<sub>2</sub> absorbents are intended for medical purposes, to remove carbon dioxide from gases in breathing circuits, in systems such as anesthesia and respiratory therapy equipment.

## PREPARATION



**Before conducting any preparation activities ensure that the warnings and precautions of this instructions for use have been read and understood.**

### 1. OPENING/UNWRAPPING

- Carefully open container to avoid any spills.

### 2. FILLING AND CHANGING

- Anesthesia and respiratory therapy equipment absorbent canisters should be cleaned when the absorbent is changed, with particular attention paid to any screens as they are susceptible to obstruction.
- Absorbents should always be handled gently to avoid fragmentation and dust formation. When a canister is emptied, care should be taken to remove dust particles.
- Loose-fill absorbent should be poured with care and slowly into the canister while the canister is rotated, stopping occasionally to tap the sides. The canister should be filled completely but not overfilled. A small space should be left at the top to promote even gas flow through the canister. The upper layer of absorbent should be level.
- For pre-filled CO<sub>2</sub> absorbent canisters, completely remove any outer wrapping. Inspect the body, top and bottom grids for defects, damage or obstructions.
- Insert the canister directly into the compatible anesthesia and respiratory therapy equipment in accordance with machine instructions.

### 3. PRE-CHECK

- It is the responsibility of the user to perform any necessary equipment pre-checks in accordance with machine instructions.

## USE

- Soda lime CO<sub>2</sub> absorbents are for use with oxygen, nitrous oxide, halothane, enflurane, desflurane, sevoflurane and isoflurane.
  - » Before using any other anesthetic agent, obtain approval from the anesthetic manufacturer.
- Before use, check the breathing circuit for gas flow restrictions.
- The soda lime CO<sub>2</sub> absorbents contain an indicator that turns from white to purple or from pink to white in use. The absorption of carbon dioxide is indicated

by a gradual color change in the direction of air flow through the absorbent. The intensity of color change may vary from one application to another. Color change is only a guide, the anesthetist should rely primarily on CO<sub>2</sub> monitors as well as time and volume calculations to determine remaining absorptive capacity.

- System filters are to protect the patient from contaminants and should be fitted in accordance with machine manufacturer's instructions.
- Resealable containers, once opened, must be properly resealed to maintain product integrity and should in all cases be used within one month of opening.

## STORAGE AND DISPOSAL

### 1. STORAGE AND HANDLING

- Avoid contact with eyes, skin and clothing.
- Store product in an environment that minimizes prolonged exposure to UV light.
- Ensure adequate ventilation of the storage area. Keep containers tightly closed, at 0-35°C (32-95°F), dry and avoiding direct sunlight.
- Keep from freezing, which may reduce CO<sub>2</sub> absorption performance and increase dust.
- Avoid creating airborne dust, especially when pouring or handling loose-fill material.
- Handle with care, especially when placing product in a canister.
- Soda lime CO<sub>2</sub> absorbents are classified as corrosive.
- Consult relevant SDS for additional information.

### 2. DISPOSAL

- The user shall dispose of used soda lime CO<sub>2</sub> absorbents in compliance with all applicable local laws and regulations. Disposal may vary with the chemical or biological agents used with the absorbent (e.g. anesthetic agents, acid-base vapours, etc.).
- Soda lime CO<sub>2</sub> absorbent that has been used with flammable anesthetic must be kept away from heat, sparks and open flames, as residue may be present.
- See relevant SDS for soda lime products for hazards and precautionary statements.



Scan for  
Sofnolime SoLo SDS



Scan for  
Sofnolime SDS



Scan for  
Sodasorb® SDS



Scan for  
Sodasorb® LF SDS

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