

# SODASORB® & SODASORB® LF CARBON DIOXIDE ABSORBENTS

## INSTRUCTIONS FOR USE






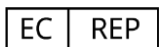














### CONTACT



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### SYMBOLS

Symbol	Description	Symbol	Description
	Consult instructions for use.		Caution.
	Do not use if package is damaged.		Temperature limit.
	Expiry date.		Authorized representative in the European Community.
	Catalog.		Do not re-use.
	Batch code.		Keep dry.
	Date of manufacture.		Fragile, handle with care.
	Manufacturer.		This way up.
	Keep away from sunlight.		European CE Mark.
	Corrosive.		Irritant.

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## GENERAL DESCRIPTION AND PACKAGING

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- SODASORB® and SODASORB® LF CO<sub>2</sub> absorbents are intended for medical purposes, to remove carbon dioxide from gases in the breathing circuit in systems such as anesthesia and respiratory therapy equipment.

- SODASORB® CO<sub>2</sub> absorbent is available in the following package configurations:

<b>PRE-PAK</b> Shelf life = 2 years	Pre-packaged disk (1.1 kg), carton of 12 pieces.
<b>Canister Pak</b> Shelf life = 3 years	(1.2 kg), carton of 12 pieces.
<b>Plastic Jug</b> Shelf life = 3 years	(4.5 kg), carton of 5 pieces.
<b>Plastic Pail</b> Shelf life = 3 years	(17 kg)

- SODASORB® LF CO<sub>2</sub> absorbent is available in the following package configurations:

<b>PRE-PAK</b> Shelf life = 2 years	Pre-packaged disk (1.0 kg), carton of 12 pieces.
<b>Canister Pak</b> Shelf life = 3 years	(1.1 kg), carton of 12 pieces.
<b>Plastic Jug</b> Shelf life = 2 years	(4.2 kg), carton of 3 pieces.

## PREPARATION

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### 1. OPENING / UNWRAPPING

- Carefully open container to avoid any spills.

### 2. FILLING AND CHANGING

- Anesthesia 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-PAK pre filled CO<sub>2</sub> absorbent canisters, completely remove any outer wrapping. Inspect the body, top and bottom grids for defects or obstructions. Insert the canister directly into the compatible anesthesia equipment absorbent canister.

### 3. PRE-CHECK

- It is the responsibility of operating room personnel to perform any necessary equipment pre-checks.

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## USE

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- SODASORB® and SODASORB® LF 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.



**Caution: Do not use SODASORB® or SODASORB® LF CO<sub>2</sub> absorbents with chloroform or trichloroethylene.**

- Before use, check the breathing circuit for gas flow restrictions.
- SODASORB® and SODASORB® LF CO<sub>2</sub> absorbents contain an indicator that turns from white to purple as the absorption capacity approaches exhaustion. 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 an adjunct guide, the anesthetist should rely primarily on CO<sub>2</sub> monitors as well as time and volume calculations to determine absorptive capacity.



**Caution: Color change;**

**- For SODASORB® LF, color change is permanent. Discard product as soon as color change has occurred throughout the volume of the canister.**

**- For SODASORB®, color change is reversible. Once color change has occurred throughout the volume of the canister, discard the expended product immediately.**

- Operating room personnel shall determine how much absorptive capacity is left in the SODASORB® or SODASORB® LF CO<sub>2</sub> absorbent immediately at the end of the surgical procedure.
- Oxygen flush duration should not be overused. Too much high flushing of oxygen induces dehydration of SODASORB® and SODASORB® LF CO<sub>2</sub> absorbents and inhibits its ability to absorb carbon dioxide.
- SODASORB® and SODASORB® LF CO<sub>2</sub> absorbents are not an antimicrobiological filter or inhibitor. It is the responsibility of the surgeon to take appropriate measures regarding patient cross contamination.



**Caution: There is potential for some portion of SODASORB® or SODASORB® LF CO<sub>2</sub> absorbent dust to migrate into the breathing circuit; the possibility of occurrence depends on the conditions of use, handling, application, and type of anesthesia machine.**

- Filters are recommended to protect the patient from contaminants.
- SODASORB® and SODASORB® LF CO<sub>2</sub> absorbents should be used within its shelf life. The expiration date is printed on the packaging unit.
- Re-sealable containers, once opened, must be properly resealed to maintain product integrity and should in all cases be used within one month of opening.

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## STORAGE AND DISPOSAL

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### 1. STORAGE AND HANDLING



**Caution: Irritant**



**Danger: Corrosive**

- 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, cool (0-35°C, 32-86°F) and dry, avoiding direct sunlight.
- Avoid creating airborne dust, especially when pouring or handling loose material.
- Keep from freezing, which may reduce CO<sub>2</sub> absorption performance and increase fines.
- Handle with care, especially when placing product in a canister, to avoid breathing dust, which can cause irritation.
- Consult SDS for additional information.

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### 2. DISPOSAL

- Disposal of used SODASORB® or SODASORB® LF CO<sub>2</sub> absorbents must be performed by the end user in compliance with all applicable laws and regulations. Specific disposal methods may vary with the chemical (e.g. anesthetic agents, acid-base vapors, etc.) or biological agents used with the absorbent, by the end user.
- Keep all SODASORB® and SODASORB® LF CO<sub>2</sub> absorbent that has been used with flammable anesthetic away from heat, sparks and open flames, as residual amounts of these materials will be present.

## HAZARDS AND PRECAUTIONARY STATEMENTS

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Contains: Calcium dihydroxide / Sodium hydroxide **H314** Causes severe skin burns and eye damage. **P260** Do not breathe dust/fumes/gas/mist/vapors/spray. **P264** Wash thoroughly after handling. **P280** Wear protective gloves/protective clothing/eye protection/face protection. **P305+P351+P338** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **P303+P361+P353** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. **P310** Immediately call a poison center/doctor.

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Molecular Products and its subsidiaries cannot be held responsible for any damage or injury occurring as a result of improper installation or use of its products.

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