

SODA LIME

CARBON DIOXIDE ABSORBENT (MEDICAL GRADE)



TRADE NAMES:

Sofnolime, Sofnolime Solo, Chiralime, Limepak, Limedic, Super Limedic, Sodasthesia, Tigersorb, Durasorb, Sodasorb, Sodasorb LF

Instructions For Use

CONTACT



Molecular Products Ltd.
Parkway, Harlow Business Park,
Harlow, Essex, CM19 5FR, UK
T: +44 (0)1279 445111
E: sales@molprod.com



Medical Device Management Ltd
Block B, The Crescent Building,
Northwood, Santry, Dublin 9, D09 C6X8, Ireland

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.
	Catalogue		Single use
	Manufacturer		This way up
	Period after opening		Unique device identifier
	Keep away from sunlight		Corrosive
	European CE Mark		Batch code
	Keep dry		Fragile, handle with care
	Distributor		Importer

GENERAL DESCRIPTION

- Sodalime CO₂ absorbents that are intended for medical purposes remove carbon dioxide from gases in breathing circuits, in systems such as anaesthesia and respiratory therapy equipment.

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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 CO₂ 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 absorbent canister 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 CO₂ absorbents are for use with oxygen, nitrous oxide, halothane, enflurane, desflurane, sevoflurane and isoflurane.
 - Before using any other anaesthetic agent, obtain approval from the anaesthetic manufacturer.
- Before use, check the breathing circuit for gas flow restrictions.
- The Soda lime CO₂ 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 colour change in the direction of air flow through the absorbent. The intensity of colour change may vary from one application to another. Colour change is only a guide, the anaesthetist should rely primarily on CO₂ 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.
- 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.

WARNINGS AND PRECAUTIONS



- Soda lime CO₂ 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 CO₂ absorbents with chloroform or trichloroethylene as carbon monoxide will be produced.
- Colour changes: For Sofnolime WV, Sodasorb and Sofnolime SoLo the colour change is reversible, for Sodasorb LF the colour change is permanent. Once colour change has occurred throughout the volume of the canister, discard the expended product immediately.
- Soda lime CO₂ 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 CO₂ 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 and care should be taken to minimise 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 CO₂ absorbents and inhibits its ability to absorb carbon dioxide.
- Ensure storage of the product is conducted in accordance with the instructions.
- 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.

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 CO₂ absorption performance and increase dust.
- Avoid creating airborne dust, especially when pouring or handling loose material.
- Handle with care, especially when placing product in a canister.
- Soda lime CO₂ absorbents are classified as corrosive, except Sofnolime SoLo which is an irritant.
- Consult relevant SDS for additional information.

2. DISPOSAL

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- The user shall dispose of used Soda lime CO₂ 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. anaesthetic agents, acid-base vapours, etc.).
- Soda lime CO₂ absorbent that has been used with flammable anaesthetic 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.

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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