GB

INSTRUCTIONS FOR USE

CE 0120

SODASORB®

Carbon Dioxide Absorbent

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GENERAL DESCRIPTION & PACKAGING

SODASORB® LF absorbent is intended for medical purposes to remove carbon dioxide from gases in the breathing circuit in systems such as anesthesia and respiratory therapy equipment.

Caution: Federal law restricts this device to sale by or on the order of a physician (U.S.A.)

SODASORB® LF absorbent is available in a variety of package configurations:

Plastic Jug (4.2 kg), carton of 5 pieces. Shelf life = 3 years

PREPARATION

Opening / unwrapping:

- Carefully open containers to avoid any spills.

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,
- The canister should always be filled with care. Loose-fill absorbent should be poured 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.

Pre-check:

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

USE

- SODASORB® LF absorbent is for use with oxygen, nitrous oxide, halothane, enflurane, desflurane, sevoflurane and isoflurane. Before using any other anaesthetic agent, obtain approval from the anaesthetic manufacturer

Caution: do not use SODASORB®LF absorbent with chloroform or trichloroethylene

- Before use, check the breathing circuit for gas flow restrictions.
- **SODASORB® LF absorbent contains an indicator that turns from white to purple as the absorption capacity approaches exhaustion. The color change is long-lasting.** 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 anaesthetist should rely primarily on CO_2 monitors, as well as time and volume calculations, to determine absorptive capacity.
- Operating room personnel shall determine how much absorptive capacity is left in the SODASORB® LF 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® LF absorbent and inhibits its ability to absorb carbon dioxide.
- SODASORB® LF absorbent is not an anti-microbiological 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® LF absorbent dust to migrate into the breathing circuit; the possibility of occurrence varies based on the conditions of use, handling, application, and type of anesthesia machine.

- Filters are recommended to protect the patient from contaminants.
- SODASORB® LF absorbent 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.

STORAGE & DISPOSING

Storage and Handling:

Caution: irritant

- Avoid contact with eyes, skin and clothing.
- Store product in an environment that minimizes prolonged exposure to UV light.
- Avoid creating airborne dust, especially when pouring or handling loose material.
- Keep from freezing, which may reduce CO_2 absorption performance and increase fines.
- Handle with care, especially when placing product in a canister, to avoid breathing dust, which can cause irritation.
- Consult MSDS for additional information.

Disposal:

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

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