

Intersurgical offers a choice of medical grade CO<sub>2</sub> absorbents to suit all of your clinical requirements. LoFloSorb™, Spherasorb™ and Intersorb Plus™ have been developed to the highest standard to ensure that you receive a product that delivers consistent performance. Intersurgical is committed to offering this quality, together with innovative solutions and the widest choice possible.

Our range of CO<sub>2</sub> absorbents is different from some other brands because it is developed in-house. Our state-of-the-art manufacturing facility allows us to control all aspects, from design and formulation right through to the manufacture. Technical expertise is on-hand to ensure you receive a safe, high quality product every time.

### Spherasorb™

A unique medical grade CO<sub>2</sub> absorbent designed specifically for clinical use, Spherasorb has a long history of use within anaesthesia and meets all the requirements of the United States and British Pharmacopoeias. Spherasorb's chemical formulation has been developed specifically to address the potential problems of use within the medical environment, while maintaining the highest possible CO<sub>2</sub> capacity.

#### Features and Benefits:

- Only 1.5% Sodium Hydroxide. Less than standard soda lime
- Zeolite to reduce the risk of drying out and provide pH buffering. No other absorbents contain a zeolite
- Spherasorb is made of 3-4mm spheres processed to minimise potential dusting. Its uniform shape allows hexagonal close packing and so consistent bed packing, resulting in a more even flow of gases through the absorber and therefore, a very efficient absorption of CO<sub>2</sub>. These features provide Spherasorb with a very efficient CO<sub>2</sub> absorption

Independent tests have shown that Spherasorb's unique formulation significantly reduces the risk of drying out and reaction with volatile anaesthetic agents. Spherasorb exceeds the requirements of the United States Pharmacopia (USP).

### LoFloSorb™

A unique medical grade CO<sub>2</sub> absorbent that contains no Alkali Hydroxide, LoFloSorb has a long history of use within anaesthesia and meets all the requirements of the United States and British Pharmacopoeias. LoFloSorb eliminates the risk associated with reactions with volatile anaesthetics.

#### Features and Benefits:

- LoFloSorb contains no Potassium Hydroxide and no Sodium Hydroxide, therefore no aggressive chemicals that can react with volatile anaesthetics
- LoFloSorb is made of 3-4mm spheres processed to minimise potential dusting. Its uniform shape allows hexagonal close packing and so consistent bed packing, resulting in a more even flow of gases through the absorber
- LoFloSorb offers a very stable green to violet colour change. This eliminates the potential for exhausted product being mistaken for fresh

Due to the absence of any Alkali Hydroxide, LoFloSorb does not last as long as standard soda limes or Spherasorb. LoFloSorb meets all the requirements of the United States Pharmacopia (USP).

Compound A is a breakdown product of Sevoflurane with dry absorbents. Independent tests have demonstrated that LoFloSorb eliminates the risk of reaction with Sevoflurane and other volatile anaesthetics even if completely dry.

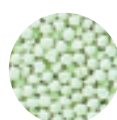
### Intersorb™ Plus

Suitable for use within anaesthetic breathing systems Intersorb Plus is a conventional CO<sub>2</sub> absorbent comprised of short porous 3mm diameter strands. Available in two indicator colour changes, pink to white and white to violet, exhaustion of Intersorb Plus is clearly indicated by the colour change.

Intersorb Plus is entirely suitable for medical use and exceeds the requirements of the United States Pharmacopia (USP).

## What is in our products?

	Spherasorb	LoFloSorb	Intersorb Plus	Other standard Soda Limes
Calcium Hydroxide	93.5%	92.5%	97%	97%
Sodium Hydroxide	1.5%	Nil	3%	3%
Silica Synthetic/amorphous	Nil	7.5%	Nil	Nil
Zeolite	5%	Nil	Nil	Nil
Indicator	0.03%	0.03%	0.03%	0.03%



**Please note:** These are the dry constituents. All absorbents contain 13-17% water.

