

SODASORB™ | SODASORB™ LF | SOFNOLIME™

MEDICAL GRADE SODA LIME

CO₂ absorbents for all your anaesthesia needs



CONTENTS

TRUSTED PERFORMANCE	3
ABSORBENT OPTIONS	4
PACK FORMATS	5
SODA LIME BRANDS	6
MACHINE COMPATIBILITY	12
ORDERING	15

TRUSTED PERFORMANCE, GLOBAL SUPPLY

For nearly 90 years, anaesthesia care providers all over the world have relied on Molecular Products' soda lime for its dependable performance. Our expertise in chemical formulation and life critical device design, means our CO₂ absorbents are engineered to meet the clinical requirements of today's anaesthesia practices.

We know that anaesthesiologists care about performance, low dust and reliable colour change, which is why the brands we make are optimised to deliver these outcomes every time.

Molecular Products is proud to be a global leader in soda lime design, production and distribution. Every medical soda lime product we make meets USP requirements and is manufactured under certified ISO 13485 quality management systems. Our regulatory framework includes CE, UKCA, FDA and MDSAP to ensure medical device compliance for our customers and patient safety.

We manufacture in both the UK and US and deliver to more than 90 countries. In the US, our soda lime is now used in 1 in every 2 surgeries, a measure of our quality and performance at scale.

WHAT MAKES A GOOD CO₂ ABSORBENT?

Whether you choose Sodasorb™, Sodasorb™ LF or Sofnolime™, the right absorbent matters for patient safety and operational efficiency alike. Look for:

- **High absorption capacity** - fewer changeovers, better value
- **Low dust formation** - cleaner handling, protected equipment
- **Reliable colour change indicator** - white to violet or pink to white, permanent on Sodasorb™ LF
- **Resistance to desiccation risks** - including heat and toxic by-products
- **Low flow compatibility** - for modern anaesthesia workstations
- **Granule size and shape** - even gas flow and packing density



DESIGNED FOR EVERY CLINICAL SETUP

Pre-filled and loose fill options
for compatibility with major
anaesthesia machine brands.

- **SODASORB™:**
The everyday soda lime workhorse. Long-lasting absorption at a cost that makes it the practical choice for routine clinical use.
- **SODASORB™ LF:**
Engineered for low flow anaesthesia. Permanent white to violet colour change and a formulation designed to prevent CO production and address Compound A risk.
- **SOFNOLIME™:**
Our soda lime, your brand. The D-shaped granule behind market leading brands, available for private label partnerships and bespoke canister design.



NOTE: Pack availability may vary by product. Please refer to individual product pages for details.

PACK FORMATS COMPATIBLE WITH LEADING ANAESTHESIA MACHINES

Sodasorb™, Sodasorb™ LF and Sofnolime™ are available in machine specific disposables, pre-filled generic cartridges, or loose fill for refillable canisters.



ALTO™:

ALTO™ disposable CO₂ absorber for use with GE™ Carestation™ 600 series, 700 series and 850 anaesthesia delivery systems



ARIA™:

ARIA™ disposable CO₂ absorber, compatible with the GE™ Aisys®, Aespire®, Avance® and ADU™



PRE PAK / CARTRIDGE:

CO₂ absorbent cartridge, compatible with a range of machines including Mindray®, Penlon® and Spacelabs®



TWIN PACK / JUG:

Loose fill in a resealable jerry can, the convenient everyday format for refillable absorbers



CANISTER PAK / BAG:

Loose fill in a single use bag, for use in refillable absorbers



PAIL:

Loose fill in a bulk pail, for refillable absorbers

SODASORB™ PROVEN PERFORMANCE

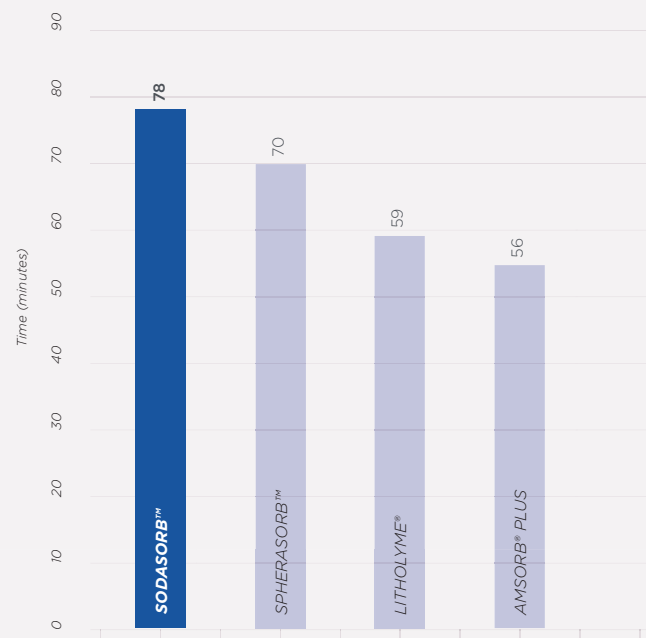
Sodasorb™ is a high performance, medical grade carbon dioxide absorbent designed for use in anaesthesia breathing circuits.

Trusted by clinicians worldwide, it delivers reliable CO₂ removal with excellent value.

- Some Of The Reasons Anaesthesia Care Givers Choose Sodasorb™ Include:
 - Exceptional absorption capacity, as proven in third party testing
 - Low dust formulation for even gas flow
 - Medical grade soda lime, designed for clinical use
 - Trusted by anaesthesiologists for nearly 90 years
- Sodasorb™ Lasts Longer
 - Sodasorb™ lasts 39% longer than AMSORB® Plus and 11% more than Spherasorb™ based on third party testing¹.
 - Better CO₂ capacity provides value for money, leading to fewer changeouts during surgeries.

SODASORB™ CO₂ BREAKTHROUGH

Time per 100 mL of product to reach 0.5% F_ICO₂



¹ Source: Jiang, Y., Bashraheel, M. K., Liu, H., Poelaert, J., Van de Velde, M., Vandenbroucke, G., Carette, R., De Wolf, A. M., and Hendrickx, J. F. A., "In vitro efficiency of 16 different Ca(OH)₂ based CO₂ absorbent brands", Journal of Clinical Monitoring and Computing (2019).

- LOW DUST SODA LIME REDUCES DOWN TIME & EXTENDS MACHINE LIFE

SODASORB™ PRODUCT RANGE



#	CONTAINER	UNITS PER BOX	MACHINE COMPATIBILITY
1	PAIL	1	Refillable absorbers
2	JUG	2	Refillable absorbers
3	PRE PAK	12	GE™ Healthcare® Aestiva®, Excel®, Modulus™; Dräger Narkomed® 2B, Narkomed® 4, Narkomed® GS, Narkomed® Mobile; Mindray® EX65, A4, A5, A7, A9; Penlon® A100™, SP100™, SP200™; Spacelabs® Focus™, Frontline™, Sirius™; Maquet® KION®-i
4	ARIA™	6	GE™ Healthcare® Aisys®, Avance®, Aspire®, ADU™
5	CANISTER PAK	12	Refillable absorbers
6	ALTO™	6 or 8	GE™ Carestation™ 600 Series, 700 Series, 850

SODASORB™ LF

SAFETY YOU CAN SEE

Sodasorb™ LF is an innovative carbon dioxide absorbent designed to address the challenges of low flow anaesthesia, while maintaining high performance.

Its unique formulation protects against the risks associated with low flow conditions such as Compound A, CO, heat and desiccation^{2,3}. Its formulation curbs the degradation of anaesthetic gases while lasting longer when compared with other low flow soda lime brands.

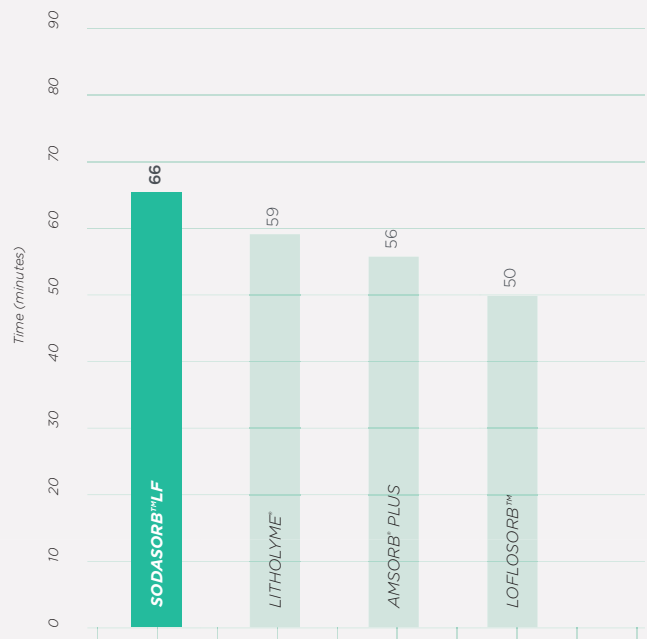
- Some Of The Reasons Clinicians Rely On Sodasorb™ LF Include:
- Permanent white to violet colour change
- Engineered to prevent Compound A and CO
- Eliminates risks of volatile anaesthetics
- Low pH for easy and safer disposal
- Sodasorb™ LF Lasts Longer Than Other Low Flow Brands
- Independent studies show that Sodasorb™ LF lasts 32% longer than LoFloSorb™ and 18% more than AMSORB® Plus⁴. Meaning a lower cost per patient and a greener solution due to reduced waste.

² Zhang Xi-zhe, Wu Xin-min, Department of Anesthesiology, First Hospital, Peking University, Beijing 100034, China (2007); "A Clinical Study of Compound A Produced with Degradation of Sevoflurane by Sodasorb™ LF"

³ Dahms, T. E., Statzer, N., Haynes, G. R.; "Carbon Dioxide Absorber: Litholyne" ASA Abstracts, 2010, A717.

SODASORB™ LF CO₂ BREAKTHROUGH

Time per 100 mL of product to reach 0.5% F_ICO₂



⁴ Source: Jiang, Y., Bashraheel, M. K., Liu, H., Poelaert, J., Van de Velde, M., Vandenbroucke, G., Carette, R., De Wolf, A. M., and Hendrickx, J. F. A., "In vitro efficiency of 16 different Ca(OH)₂ based CO₂ absorbent brands", Journal of Clinical Monitoring and Computing (2019) 33 pp 1081-1087.

SCAN HERE FOR WHITE PAPER



SODASORB™ LF

PRODUCT RANGE



#	CONTAINER	UNITS PER BOX	MACHINE COMPATIBILITY
1	PAIL	1	Refillable absorbers
2	JUG	2	Refillable absorbers
3	PRE PAK	12	GE™ Healthcare® Aestiva®, Excel®, Modulus™; Dräger Narkomed® 2B, Narkomed® 4, Narkomed® GS, Narkomed® Mobile; Mindray® EX65, A4, A5, A7, A9; Penlon® A100™, SP100™, SP200™; Spacelabs® Focus™, Frontline™, Sirius™; Maquet® KION®-i
4	ARIA™	6	GE™ Healthcare Aisys®, Avance®, Aspire®, ADU™
5	CANISTER PAK	12	Refillable absorbers
6	ALTO™	6 or 8	GE™ Carestation™ 600 Series, 700 Series, 850

SOFNOLIME™ OUR SODA LIME, YOUR BRAND

Sofnolime™ is a high performing CO₂ absorbent, available for private label and partnership opportunities.

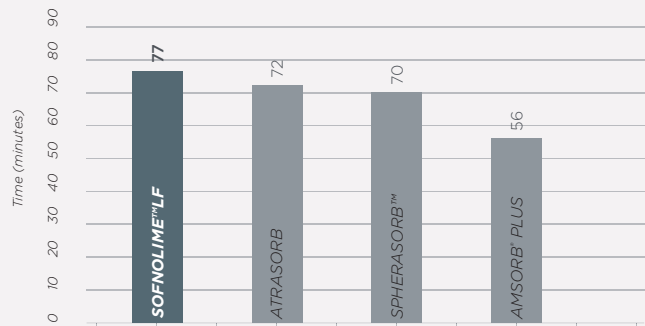
Its unique D-shaped particles ensure high CO₂ absorption capacity and efficient packing density. Engineered for medical use, the geometry of the granules offers very low dust, contributing to longer machine life and less downtime.

Sofnolime™ is available with a white to violet or pink to white colour change.

- Some Of The Reasons Our Customers Choose Sofnolime™ To Represent Their Brands:
- Custom branding and packaging options to support portfolio expansion
- Lasts longer than other brands in independent testing
- Low dust formulation to protect workstations and minimise servicing
- Manufactured to global medical device requirements including FDA, CE and UKCA

PRIVATE LABEL
AND MULTI-SITE
MANUFACTURING
OPTIONS

- SOFNOLIME™**
Published research on soda lime duration shows that Sofnolime™ lasts 38% longer than AMSORB® Plus and 10% more than Spherasorb™⁵. Just one of the reasons why Sofnolime™ is the soda lime chosen to represent leading global brands.
- SOFNOLIME™ CO₂ BREAKTHROUGH**
Time per 100 mL of product to reach 0.5% F_ICO₂



⁵ Source: Jiang, Y., Bashraheel, M. K., Liu, H., Poelaert, J., Van de Velde, M., Vandenbroucke, G., Carotte, R., De Wolf, A. M., and Hendrickx, J. F. A., "In vitro efficiency of 16 different Ca(OH)₂ based CO₂ absorbent brands", Journal of Clinical Monitoring and Computing (2019).

SOFNOLIME™ PRODUCT RANGE



#	CONTAINER	UNITS PER BOX	MACHINE COMPATIBILITY
1	PAIL	1	Refillable absorbers
2	TWIN PACK	2	Refillable absorbers
3	CARTRIDGE	12	GE™ Healthcare® Aestiva®, Excel®, Modulus™; Dräger Narkomed® 2B, Narkomed® 4, Narkomed® GS, Narkomed® Mobile; Mindray® EX65, A4, A5, A7, A9; Penlon® A100™, SP100™, SP200™; Spacelabs® Focus™, Frontline™, Sirius™; Maquet® KION®-i
4	ARIA™	6	GE™ Healthcare Aisys®, Avance®, Aspire®, ADU™
5	BAG	12	Refillable absorbers
6	ALTO™	6 or 8	GE™ Carestation™ 600 Series, 700 Series, 850

MACHINE COMPATIBILITY

GE™ HEALTHCARE® COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
Aisys® using the pre-filled Multiabsorber	–	–		–
Aisys® using the refillable Multiabsorber		–		–
Avance® using the pre-filled Multiabsorber	–	–		–
Avance® using the refillable Multiabsorber		–		–
Aespire® using the pre-filled Multiabsorber	–	–		–
Aespire® using the refillable Multiabsorber		–		–
ADU using the pre-filled Compact absorber	–	–		–
ADU using the refillable Compact absorber		–		–
Aestiva®			–	–
Excel®			–	–
Modulus™			–	–
GE® Carestation™ 620	–	–	–	
GE® Carestation™ 620 with refill		–	–	–
GE® Carestation™ 650	–	–	–	
GE® Carestation™ 650 with refill		–	–	–
GE® Carestation™ 650c Pendant	–	–	–	
GE® Carestation™ 650c Pendant with refill		–	–	–
GE® Carestation™ 650c Wall Mount	–	–	–	
GE® Carestation™ 650c Wall Mount with refill		–	–	–
GE® Carestation™ 750c	–	–	–	
GE® Carestation™ 750c with refill		–	–	–
GE® Carestation™ 850	–	–	–	
GE® Carestation™ 850 with refill		–	–	–
Other		CMG	–	–

Aisys, Avance, Aespire, Aestiva, Excel and Carestation are registered trademarks of Datex-Ohmeda, Inc. Modulus is a trademark of Datex-Ohmeda, Inc. Datex-Ohmeda, Inc. is a General Electric company. GE Healthcare is a registered trademark of General Electric Company
CMG: Check Manufacturer's Guide

MINDRAY® COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
EX65			–	–
A4			–	–
A5			–	–
A7			–	–
A9			–	–

Mindray is a registered trademark of Shenxhen Mindray Bio-Medical Electronics Co., Ltd

DRÄGER® COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
Atlan® with refillable absorber		–	–	–
Perseus® with refillable absorber		–	–	–
Zeus® with refillable absorber		–	–	–
Primus®/Apollo® with refillable absorber		–	–	–
Fabius Tiro® with refillable absorber		–	–	–
Fabius® GS with refillable absorber		–	–	–
Fabius® CE with refillable absorber		–	–	–
Julian® with refillable absorber		–	–	–
Cicero™ with refillable absorber		–	–	–
Cato® with refillable absorber		–	–	–
Narkomed® 2B			–	–
Narkomed® 4			–	–
Narkomed® GS			–	–
Narkomed® Mobile			–	–
Other		–	–	–

Atlan, Perseus, Zeus, Primus, Apollo, Fabius Tiro, Fabius, Julian and Cato are registered trademarks of Dräger Medical GmbH. Narkomed is a registered trademark of Dräger Medical, Inc. Cicero and CLIC are trademarks of Dräger Medical GmbH. Dräger is a registered trademark of Drägerwerk AG & Co. KGaA

MACHINE COMPATIBILITY

GETINGE® (FORMERLY MAQUET®) COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
Flow-i, Flow-C, Flow-e with refillable absorber		–	–	–

Maquet is a registered trademark of Maquet GmbH. Getinge is a registered trademark of Getinge AB. KION is a registered trademark of Maquet Critical Care AB. FLOW is a trademark of Maquet Critical Care AB

PENLON® COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
A100™			–	–
SP100™			–	–
SP200™			–	–
Other		CMG	–	–
Other manufacturers	CMG	CMG	CMG	–

Penlon is a registered trademark of Penlon Limited. A100, SP100 and SP200 are trade names of Penlon Limited
CMG: Check Manufacturer's Guide

SPACELABS® COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
ARKON®	CMG	–	–	–
Focus™			–	–
Frontline™			–	–
Sirius™			–	–
Other		CMG	–	–

Spacelabs and ARKON are registered trademarks of Spacelabs Healthcare, LLC. Focus, Frontline and Sirius are trademarks of Spacelabs Healthcare, LLC
CMG: Check Manufacturer's Guide

OTHER MANUFACTURERS COMPATIBILITY GUIDE				
MACHINE	JUG, TWIN PACK, CANISTER PAK, BAG, PAIL	PRE PAK, CARTRIDGE	ARIA™	ALTO™
Other manufacturers machine	CMG	CMG	CMG	–

CMG: Check Manufacturer's Guide

ORDERING GLOBAL PRODUCT REACH



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