

ARIA

GE AISYS™, AVANCE™, AESPIRE™, ADU™
AND 9100C COMPATIBLE CANISTER



DESCRIPTION

Medical grade soda lime designed for clinical use in closed anaesthesia circuits.

APPLICATIONS

Sofnolime, Sodasorb and Sodasorb LF medical grade soda lime is used for the removal of carbon dioxide in breathing systems where the pressure-drop must be negligible. The main component is Calcium Hydroxide.

Sodasorb LF eliminates the potential for Compound A and Carbon Monoxide formation when used with volatile anesthetics under clinical conditions. Its low alkali formulation makes Sodasorb LF ideal for areas where disposal of spent product is a concern.

COLOUR INDICATOR

Sodasorb and Sofnolime contain a colour indicator that changes the granules from white to violet when carbon dioxide is absorbed.

Sodasorb LF contains a permanent colour indicator that changes the granules from white to violet when carbon dioxide is absorbed.

Molecular Products Limited

Parkway, Harlow Business Park
Harlow, Essex, CM19 5FR, UK

T +44 (0)1279 445111
E sales@molprod.com

W www.molecularproducts.com

Molecular Products Inc

633 CTC Boulevard, Louisville
CO 80027 USA

T +1 (303) 666 4400
E salesusa@molprod.com


TYPICAL PERFORMANCE

Composition	%	Sofnolime	Sodasorb	Sodasorb LF
Moisture Content	%	12-19	12-19	11-16
Total Alkali Metal	%	4 Max	4 Max	<1
Calcium Hydroxide	%	Balance	Balance	Balance
CO ₂ Activity	%	19 Min	19 Min	21 Min
USP Hardness	%	90 Min	89 Min	88 Min
Larger than 5/16:	%	0%		
Between #4 and #10 sieve	%	76.8 Min		
Smaller than #40 sieve	%	1.2 Max		
Max retained on 4 mesh	%		7	7
Max through 8 mesh	%		15	15

QUALITY

Molecular Products Ltd's aim is to manufacture chemical products which satisfy completely the needs of our customers. All products are rigorously tested to ensure conformance to the specification and our activities comply to the requirements of ISO 9001. Soda lime, as a class IIa medical device, is manufactured under ISO 13485 quality management system.

PACK TYPE

Aria is available filled with Sofnolime, Sodasorb or Sodasorb LF medical grade soda lime. Aria is a pre-filled canister compatible with the GE Aisys™, Avance™, Aespire™, ADU™ and 9100c anaesthesia workstations.

NOTES

- Activity is determined by passing carbon dioxide through a 'U' tube containing approximately 10 grammes of soda lime at a rate of 75 millilitres per minute for a period of 20 minutes. The activity is the weight gain, expressed as a percentage.
- A summary of all test procedures is available on request.

Note: this technical data sheet indicates physical properties that are standard and typical. Molecular Products will meet customer specifications as required.

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