

## Ionac® SR 7

**IONAC SR 7** is an advanced macroporous, anion ion exchange resin with more than three times the selectivity for nitrate ions compared to the best available products. It is tested and certified by NSF International under ANSI/ NSF 61. SR 7 has a new chemistry that prevents "nitrate dumping" against high sulfate backgrounds. SR 7 is characterized by a high degree of porosity, very stable structure and limited reversible swelling, which results in a kinetically superior and durable resin.

### Ionac SR 7 applications\*:

nitrate removal

### Typical physical and chemical properties\*\*

			US Units		International Units
Ionic form as shipped				Cl	Cl
Bead size	> 90%	US mesh	18 - 50	mm	0.3 - 1.25
Effective size		mm.	0.47 +- 0.06	mm	0.47 +- 0.06
Shipping weight		lbs/ft <sup>3</sup>	42	g/l	870
Density				g/ml	1.02
Water retention		% weight	48 - 52	%	48 - 52
Total capacity, min.		kgr CaCO <sub>3</sub> / ft <sup>3</sup>	18	eq/l	0.8
Volume change	Cl <sup>-</sup> >> NO <sub>3</sub> <sup>-</sup>	max. %	5	max. %	5
Stability	temperature range	°F	34 - 212	°C	1 - 100
	pH range		0 - 14		0 - 14
Storability	of product	min years	2	min. years	2
	temperature range	°F	34 - 104	°C	1 - 40

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Ionac SR 7. Before working with this product you must read and become familiar with the available information on its hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets and product labels. Consult your Sybron Chemicals Inc. representative or contact Bayer's Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

\*As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) in advance by the user to determine suitability.  
\*\*These items are provided as general information only. They are approximate values and are not part of the product specifications.

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