

**Baxter**

**SoftPac Citrate**

ACETATE-FREE CONCENTRATE

# SOFTPAC CITRATE

**SoftPac Citrate** is an acetate-free concentrate with all the beneficial properties of citrate. The PVC free **SoftPac Citrate** concentrate is available in two sizes, a 3.5L and 5L bag.

Clinical Advantages of Citrate-containing acetate-free dialysis fluid:

- Improved hemodynamic stability\*<sup>1,2,3</sup>
- Improved control of acid-base balance\*<sup>3,4</sup>
- Decreased thrombogenicity\*<sup>5,6,7</sup>



\* Disclaimer: compared to concentrate containing acetate.

# SOFTPAC CITRATE CONCENTRATE SPECIFICATIONS

SPECIFICATIONS	SOFTPAC CITRATE C 3.5L	SOFTPAC CITRATE G 5L	SOFTPAC CITRATE G 5L BIG BOX*
Intended use	The <b>SoftPac Citrate</b> product is intended to be used as a citrate based acid concentrate together with a dry sodium bicarbonate cartridge for on-line preparation of hemodialysis, hemodiafiltration and hemofiltration fluids on compatible Gambro dialysis machines.		
Content	3.5L of citric acid-based concentrate to be diluted	5L of citric acid-based concentrate to be diluted	5L of citric acid-based concentrate to be diluted
Dilution ratio	1+44	1+44	1+44
Volume of dialysis fluid when mixed	157 L	225 L	225 L
Duration time at 500 ml/min	5H15	7H30	7H30
Container material	Polyolefin medical grade	Polyolefin medical grade	Polyolefin medical grade
Packaging	Cardboard box with 3 bags	Cardboard box with 2 bags	Cardboard box with 48 bags
Box size	H 210 mm x L 333 mm x W 254 mm	H 198 mm x L 333 mm x W 254 mm	H 608 mm x L 1173 mm x W 792 mm
Box weight	Approximately 13.2 kg	Approximately 12.7 kg	Approximately 560 kg
Quantity per pallet	150 bags	100 bags	96 bags
Shelf life	24 months	24 months	24 months
Storage condition	Store between +4°C and +30°C	Store between +4°C and +30°C	Store between +4°C and +30°C

SoftPac Citrate C 3.5L		SoftPac Citrate G 5L		Electrolyte concentration after dilution together with a dry sodium bicarbonate cartridge								
PRODUCT CODE	PRODUCT NAME	PRODUCT CODE	PRODUCT NAME	Na <sup>+</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	K <sup>+</sup> mmol/l	Ca <sup>2+</sup> ** mmol/l	Mg <sup>2+</sup> mmol/l	Cl <sup>-</sup> mmol/l	Citrate mmol/l	Glucose g/l	
115753	SoftPac Citrate C140			140	34	1,0	1,41	0,5	107,8	1,0	1,0	
955870	SoftPac Citrate C150	115824	SoftPac Citrate G150	140	34	1,0	1,51	0,5	108,0	1,0	1,0	
115755	SoftPac Citrate C165	115825	SoftPac Citrate G165	140	34	1,0	1,66	0,5	108,3	1,0	1,0	
115756	SoftPac Citrate C1540	115826	SoftPac Citrate G1540	140	34	1,5	1,41	0,5	108,3	1,0	1,0	
115757	SoftPac Citrate C1550	115827	SoftPac Citrate G1550	140	34	1,5	1,51	0,5	108,5	1,0	1,0	
115758	SoftPac Citrate C1565	115828	SoftPac Citrate G1565	140	34	1,5	1,66	0,5	108,8	1,0	1,0	
115759	SoftPac Citrate C1575	115782	SoftPac Citrate G1575	140	34	1,5	1,76	0,5	109,0	1,0	1,0	
115760	SoftPac Citrate C240	115783	SoftPac Citrate G240	140	34	2,0	1,41	0,5	108,8	1,0	1,0	
115776	SoftPac Citrate C2040	115793	SoftPac Citrate G2040	140	34	2,0	1,41	0,5	108,8	1,0	0,0	
115761	SoftPac Citrate C250	115784	SoftPac Citrate G250	140	34	2,0	1,51	0,5	109,0	1,0	1,0	
		955737	SoftPac Citrate G250 Big Box*	140	34	2,0	1,51	0,5	109,0	1,0	1,0	
115777	SoftPac Citrate C2050	115794	SoftPac Citrate G2050	140	34	2,0	1,51	0,5	109,0	1,0	0,0	
115762	SoftPac Citrate C265	115785	SoftPac Citrate G265	140	34	2,0	1,66	0,5	109,3	1,0	1,0	
		955738	SoftPac Citrate G265 Big Box*	140	34	2,0	1,66	0,5	109,3	1,0	1,0	
115778	SoftPac Citrate C2065	115795	SoftPac Citrate G2065	140	34	2,0	1,66	0,5	109,3	1,0	0,0	
115763	SoftPac Citrate C275	115786	SoftPac Citrate G275	140	34	2,0	1,76	0,5	109,5	1,0	1,0	
		955739	SoftPac Citrate G275 Big Box*	140	34	2,0	1,76	0,5	109,5	1,0	1,0	
115779	SoftPac Citrate C2075	115796	SoftPac Citrate G2075	140	34	2,0	1,76	0,5	109,5	1,0	0,0	
115764	SoftPac Citrate C2540			140	34	2,5	1,41	0,5	109,3	1,0	1,0	
115765	SoftPac Citrate C2550			140	34	2,5	1,51	0,5	109,5	1,0	1,0	
115766	SoftPac Citrate C2565	115787	SoftPac Citrate G2565	140	34	2,5	1,66	0,5	109,8	1,0	1,0	
115767	SoftPac Citrate C340	115788	SoftPac Citrate G340	140	34	3,0	1,41	0,5	109,8	1,0	1,0	
115768	SoftPac Citrate C350	115789	SoftPac Citrate G350	140	34	3,0	1,51	0,5	110,0	1,0	1,0	
115780	SoftPac Citrate C3050	115797	SoftPac Citrate G3050	140	34	3,0	1,51	0,5	110,0	1,0	0,0	
115769	SoftPac Citrate C365	115790	SoftPac Citrate G365	140	34	3,0	1,66	0,5	110,3	1,0	1,0	
		955740	SoftPac Citrate G365 Big Box*	140	34	3,0	1,66	0,5	110,3	1,0	1,0	
115781	SoftPac Citrate C3065	115798	SoftPac Citrate G3065	140	34	3,0	1,66	0,5	110,3	1,0	0,0	
115770	SoftPac Citrate C375	115791	SoftPac Citrate G375	140	34	3,0	1,76	0,5	110,5	1,0	1,0	
115771	SoftPac Citrate C3540	115792	SoftPac Citrate G3540	140	34	3,5	1,41	0,5	110,3	1,0	1,0	
115772	SoftPac Citrate C3550			140	34	3,5	1,51	0,5	110,5	1,0	1,0	
115773	SoftPac Citrate C3565			140	34	3,5	1,66	0,5	110,8	1,0	1,0	
115774	SoftPac Citrate C450			140	34	4,0	1,51	0,5	111,0	1,0	1,0	
115775	SoftPac Citrate C465			140	34	4,0	1,66	0,5	111,3	1,0	1,0	

MACHINE TYPE	DESCRIPTION	CODE
<b>Baxter</b> Artis, Innova, Integra AK 200 series AK 98	Connector integrated Kit <b>SoftPac</b> Connector integrated. Order Hook <b>SoftPac</b>	K40375001 K40219002
<b>BBraun</b> ** Dialog +, Dialog iQ	<b>SoftPac</b> 136	1401360014 [200 / carton]
<b>Bellco</b> ** Flexia, Formula	<b>SoftPac</b> 130	1401300014 [200 / carton]
<b>Fresenius</b> ** 4008, 5008	<b>SoftPac</b> 136	1401360014 [200 / carton]
<b>Nikkiso</b> ** DBB EXA, DBB 05, DBB 07	<b>SoftPac</b> 130	1401300014 [200 / carton]

\* For availability in your country please contact your Baxter representative. \*\* Refer to the **SoftPac** connector instructions for use which indicate accessories for hemodialysis can be used with most of devices and/or lines for hemodialysis. Contact the manufacturer to select the correct configuration of the accessories which can ensure an adequate compatibility with devices and/or lines for hemodialysis.

## For the safe and proper use of the devices, please refer to the Instructions for Use.

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- Gabutti L, Lucchini B et al. Citrate- vs. acetate-based dialysate in bicarbonate haemodialysis: consequences on haemodynamics, coagulation, acid-base status, and electrolytes. BMC Nephrol 2009; 10: 7. 3. De Sequera P, Garcia R P, Molina M et al. Prospective randomized multicenter study to demonstrate the benefits of haemodialysis without acetate (with citrate). ABC-treat Study. Acute effect of citrate. Nefrologia 2019; 39(4): 424-433.
- De Sequera Ortiz P, Albalade Ramon M et al. Acute effect of citrate bath on postdialysis alkalaemia. Nefrologia 2015; 35:164-71.
- Grundstrom G, Christensson A, Alquist M et al. Replacement of acetate with citrate in dialysis fluid: a randomized clinical trial of short term safety and fluid biocompatibility. BMC Nephrol 2013; 14:216.
- Dellepiane S, Medica D., Guarena C et al. Citrate anion improves chronic dialysis efficacy, reduces systemic in-flammation and prevents Chemerin-mediated microvascular injury. Sci Rep 2019; 9: 10622.
- Molina Nunez M, de Alarcon R et al. Citrate versus Acetate-Based Dialysate in On-Line Haemodiafiltration. A Pro-spective Cross-Over Study. Blood Purif 2015; 39:181-187.



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**renalcare.baxter.com**

Baxter Healthcare Corporation  
One Baxter Parkway  
Deerfield, IL 60015  
USA

1-800-422-9837