



# Hemodialysis Concentrates

## Product Catalog



*Driven to Deliver Life-Sustaining Dialysis Solutions™*



# Manufacturing & Delivering High-Quality Hemodialysis Concentrates to Dialysis Providers Worldwide

Rockwell Medical provides the hemodialysis community with high-quality<sup>1</sup> products, supported by a reliable delivery service, controlled by a robust Quality Management System, and regulated by the U.S. Food and Drug Administration (FDA). Rockwell Medical is ISO 13485 Certified and adheres to current Good Manufacturing Practices (cGMP) and Association for Advancement of Medical Instrumentation (AAMI) standards.

*CitraPure®, Dri-Sate®, RenalPure®, and SteriLyte® are registered trademarks of Rockwell Medical.*

<sup>1</sup>Data on File. Available Upon Request. Source: Rockwell Medical, Inc.



## Citric Acid Concentrate Powders and Liquids

CitraPure concentrate is citric-based and 100% acetate-free. CitraPure is formulated to be used in conjunction with RenalPure Powder Bicarbonate (CB-Series) or SteriLyte Liquid Bicarbonate (CL-Series) only in a 45X three-stream hemodialysis machine. The listed electrolyte values represent the final dialysate electrolyte yield.

### 45X CitraPure Liquid Acid Concentrate – Drum (55-gallon)

| Formula (C-Series) | Na+ (mEq/L) | K+ (mEq/L) | Ca++ (mEq/L) | Mg++ (mEq/L) | Citric (mEq/L) | Dextrose (mg%) |
|--------------------|-------------|------------|--------------|--------------|----------------|----------------|
| L4-108-55          | 100.00      | 2.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| L4-110-55          | 100.00      | 3.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| L4-114-55          | 100.00      | 1.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| L4-116-55          | 100.00      | 2.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| L4-117-55          | 100.00      | 3.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| L4-124-55          | 100.00      | 2.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| L4-126-55          | 100.00      | 3.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| L4-033C-55*        | 100.00      | 2.00       | 2.75         | 1.00         | 2.40           | 100.00         |
| L4-044C-55*        | 100.00      | 3.00       | 2.75         | 1.00         | 2.40           | 100.00         |
| L4-125-55*         | 100.00      | 2.00       | 3.50         | 1.00         | 2.40           | 100.00         |

CitraPure, RenalPure, Dri-Sate, and SteriLyte are intended for use in acute and chronic hemodialysis and to be used with a three-stream dialysis system. Custom formulas for 45X, 35X and 36.83X are available upon request.

*\*Custom formula requires minimum purchase. Purchase requires minimum volume commitment (1,000 gallons).*

**CAUTION:** Federal law restricts these devices to sale by or on the order of a physician.



## 45X CitraPure Liquid Acid Concentrate - Case (4 - 1 gallon (3.78 L) containers/case)

| Formula (C-Series) | Na+ (mEq/L) | K+ (mEq/L) | Ca++ (mEq/L) | Mg++ (mEq/L) | Citric (mEq/L) | Dextrose (mg%) |
|--------------------|-------------|------------|--------------|--------------|----------------|----------------|
| L4-106-4           | 100.00      | 1.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| L4-108-4           | 100.00      | 2.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| L4-110-4           | 100.00      | 3.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| L4-114-4           | 100.00      | 1.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| L4-116-4           | 100.00      | 2.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| L4-117-4           | 100.00      | 3.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| L4-124-4           | 100.00      | 2.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| L4-126-4           | 100.00      | 3.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| L4-011C-4*         | 100.00      | 2.00       | 2.25         | 1.00         | 2.40           | 100.00         |
| L4-022C-4*         | 100.00      | 3.00       | 2.25         | 1.00         | 2.40           | 100.00         |
| L4-033C-4*         | 100.00      | 2.00       | 2.75         | 1.00         | 2.40           | 100.00         |
| L4-044C-4*         | 100.00      | 3.00       | 2.75         | 1.00         | 2.40           | 100.00         |
| L4-055C-4*         | 100.00      | 2.00       | 3.25         | 1.00         | 2.40           | 100.00         |
| L4-066C-4*         | 100.00      | 3.00       | 3.25         | 1.00         | 2.40           | 100.00         |
| L4-216-4*          | 100.00      | 2.00       | 2.50         | 1.00         | 2.40           | 200.00         |



## 45X CitraPure Dry Acid Concentrate - Case (Each case produces 25 gallons of CitraPure Liquid)

| Formula (D4-Series) | Na+ (mEq/L) | K+ (mEq/L) | Ca++ (mEq/L) | Mg++ (mEq/L) | Citric (mEq/L) | Dextrose (mg%) |
|---------------------|-------------|------------|--------------|--------------|----------------|----------------|
| D4-103              | 100.00      | 2.00       | 2.25         | 1.00         | 2.40           | 100.00         |
| D4-108              | 100.00      | 2.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| D4-110              | 100.00      | 3.00       | 2.00         | 1.00         | 2.40           | 100.00         |
| D4-114              | 100.00      | 1.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| D4-116              | 100.00      | 2.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| D4-117              | 100.00      | 3.00       | 2.50         | 1.00         | 2.40           | 100.00         |
| D4-124              | 100.00      | 2.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| D4-126              | 100.00      | 3.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| D4-128*             | 100.00      | 4.00       | 3.00         | 1.00         | 2.40           | 100.00         |
| D4-134*             | 100.00      | 2.50       | 2.50         | 1.60         | 2.40           | 100.00         |
| D4-033C*            | 100.00      | 2.00       | 2.75         | 1.00         | 2.40           | 100.00         |
| D4-044C*            | 100.00      | 3.00       | 2.75         | 1.00         | 2.40           | 100.00         |

CitraPure, RenalPure, Dri-Sate, and SteriLyte are intended for use in acute and chronic hemodialysis and to be used with a three-stream dialysis system. Custom formulas for 45X, 35X and 36.83X are available upon request.

\*Custom formula requires minimum purchase. Purchase requires minimum volume commitment (1,000 gallons).

**CAUTION:** Federal law restricts these devices to sale by or on the order of a physician.





## Acetic Acid Concentrate Powders and Liquids

RenalPure and Dri-Sate acid concentrates are formulated to be used in conjunction with RenalPure Powder Bicarbonate (CB-Series) or SteriLyte Liquid Bicarbonate (CL-Series) only in a 45X three-stream hemodialysis machine. The listed electrolyte values represent the final dialysate electrolyte yield.

### 45X RenalPure Liquid Acid Concentrate – Drum (55-gallon)

| Formula (C-Series) | Na+ (mEq/L) | K+ (mEq/L) | Ca++ (mEq/L) | Mg++ (mEq/L) | Acetic (mEq/L) | Dextrose (mg%) |
|--------------------|-------------|------------|--------------|--------------|----------------|----------------|
| C-108-55           | 100.00      | 2.00       | 2.00         | 1.00         | 4.00           | 100.00         |
| C-110-55           | 100.00      | 3.00       | 2.00         | 1.00         | 4.00           | 100.00         |
| C-114-55           | 100.00      | 1.00       | 2.50         | 1.00         | 4.00           | 100.00         |
| C-116-55           | 100.00      | 2.00       | 2.50         | 1.00         | 4.00           | 100.00         |
| C-117-55           | 100.00      | 3.00       | 2.50         | 1.00         | 4.00           | 100.00         |
| C-124-55           | 100.00      | 2.00       | 3.00         | 1.00         | 4.00           | 100.00         |
| C-126-55           | 100.00      | 3.00       | 3.00         | 1.00         | 4.00           | 100.00         |
| C-130-55           | 100.00      | 2.00       | 2.25         | 1.00         | 4.00           | 100.00         |
| C-131-55           | 100.00      | 3.00       | 2.25         | 1.00         | 4.00           | 100.00         |
| C-125-55*          | 100.00      | 2.00       | 3.50         | 1.00         | 4.00           | 100.00         |



### 45X RenalPure Liquid Acid Concentrate – Case (4 – 1 gallon (3.78 L) containers/case)

| Formula (C-Series) | Na+ (mEq/L) | K+ (mEq/L) | Ca++ (mEq/L) | Mg++ (mEq/L) | Acetic (mEq/L) | Dextrose (mg%) |
|--------------------|-------------|------------|--------------|--------------|----------------|----------------|
| C-102-4            | 100.00      | 0.00       | 0.00         | 1.00         | 4.00           | 100.00         |
| C-106-4            | 100.00      | 1.00       | 2.00         | 1.00         | 4.00           | 100.00         |
| C-107-4            | 100.00      | 2.00       | 1.50         | 1.00         | 4.00           | 100.00         |
| C-108-4            | 100.00      | 2.00       | 2.00         | 1.00         | 4.00           | 100.00         |
| C-110-4            | 100.00      | 3.00       | 2.00         | 1.00         | 4.00           | 100.00         |
| C-114-4            | 100.00      | 1.00       | 2.50         | 1.00         | 4.00           | 100.00         |
| C-116-4            | 100.00      | 2.00       | 2.50         | 1.00         | 4.00           | 100.00         |
| C-117-4            | 100.00      | 3.00       | 2.50         | 1.00         | 4.00           | 100.00         |
| C-120-4            | 100.00      | 1.00       | 3.00         | 1.00         | 4.00           | 100.00         |
| C-124-4            | 100.00      | 2.00       | 3.00         | 1.00         | 4.00           | 100.00         |
| C-126-4            | 100.00      | 3.00       | 3.00         | 1.00         | 4.00           | 100.00         |
| C-125-4*           | 100.00      | 2.00       | 3.50         | 1.00         | 4.00           | 100.00         |
| C-130-4*           | 100.00      | 2.00       | 2.25         | 1.00         | 4.00           | 100.00         |
| C-131-4*           | 100.00      | 3.00       | 2.25         | 1.00         | 4.00           | 100.00         |

CitraPure, RenalPure, Dri-Sate, and SteriLyte are intended for use in acute and chronic hemodialysis and to be used with a three-stream dialysis system. Custom formulas for 45X, 35X and 36.83X are available upon request.

\*Custom formula requires minimum purchase. Purchase requires minimum volume commitment (1,000 gallons).

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## 45X DriSate Dry Acid Concentrate – Case (Each case produces 25 gallons of RenalPure Liquid)

| Formula<br>(DC-Series) | Na+<br>(mEq/L) | K+<br>(mEq/L) | Ca++<br>(mEq/L) | Mg++<br>(mEq/L) | Acetic<br>(mEq/L) | Dextrose<br>(mg%) |
|------------------------|----------------|---------------|-----------------|-----------------|-------------------|-------------------|
| DC-108                 | 100.00         | 2.00          | 2.00            | 1.00            | 4.00              | 100.00            |
| DC-110                 | 100.00         | 3.00          | 2.00            | 1.00            | 4.00              | 100.00            |
| DC-116                 | 100.00         | 2.00          | 2.50            | 1.00            | 4.00              | 100.00            |
| DC-117                 | 100.00         | 3.00          | 2.50            | 1.00            | 4.00              | 100.00            |
| DC-124                 | 100.00         | 2.00          | 3.00            | 1.00            | 2.40              | 100.00            |

## Bicarbonate Concentrate Powders and Liquids

RenalPure Powder Bicarbonate and SteriLyte Liquid Bicarbonate are for use with CitraPure Dry or Liquid Acid Concentrate, Dri-Sate Dry Acid or RenalPure Liquid Acid Concentrate.



### 45X RenalPure Powder Bicarbonate

| Formula<br>(CB-Series) | Na+<br>(mEq/L) | Bicarbonate<br>(mEq/L) | Product Description                    |
|------------------------|----------------|------------------------|--|
| CB-02-20C              | 37.00          | 37.00                  | 1 bag yields 2.1 gallons. 20 bags/case |
| CB-15-4C               | 37.00          | 37.00                  | 1 bag yields 15 gallons. 4 bags/case   |
| CB-25-2C               | 37.00          | 37.00                  | 1 bag yields 25 gallons. 2 bags/case   |



### 45X SteriLyte Liquid Bicarbonate

| Formula<br>(CL-Series) | Na+<br>(mEq/L) | Bicarbonate<br>(mEq/L) | Product Description    |
|------------------------|----------------|------------------------|------------------------|
| CL-02-4                | 37.00          | 37.00                  | 4 x 1 gallon jugs/case |

## Cleaners



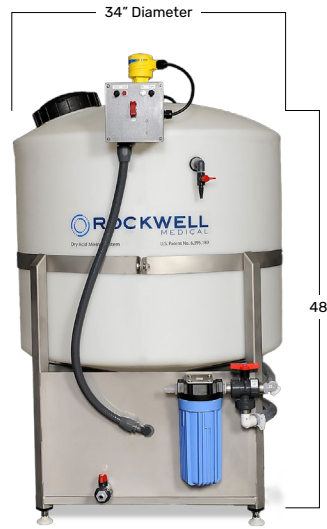
- R-100-4 5% Acetic Acid Solution is available in 4 x 1 gallon/case.
- DCAC-005 5% Dry Citric Acid Descale is available in 30 bags/case.
- DCAC-002\* 2% Dry Citric Acid Descale is available in 30 bags/case.

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## Dry Acid Concentrate Mixer

### DAMX45

- Rapid Mixing - Mixes 100 gallons of product in approx. 3 minutes<sup>1</sup>
- Quick and easy installation
- Compact Size - Fits through standard door
- Uses forced RO water pump to mix the product
- Side opening makes it easy to clean and to pour dry mix

*Refer to Manufacturer's Instructions for Use for detailed technical specifications.*



## Concentrates Accessories

| Item #       | Description  | Unit   |
|--------------|--|--------|
| PS-SALT25    | 25 lbs bag of salt   | 1 Unit |
| PS-SALT50    | 50 lbs bag of salt   | 1 Unit |
| PS-311       | Hydrometer, Acid (C Series) Ranges 1.180 – 1.250                                     | 1 Unit |
| PS-24774-750 | 500 ml Hydrometer Cylinder   | 1 Unit |
| PS-231       | Hydrometer, Bicarbonate Universal Ranges 1.000 – 1.070                               | 1 Unit |
| PS-H98127    | Hanna pH Tester  | 1 Unit |
| PS-GX05-9    | Hytrex Replacement Cartridge Filter 5 micron<br>Note: Replace when flow becomes weak | 1 Unit |

<sup>1</sup>Data on File. Available Upon Request. Source: Rockwell Medical, Inc.

# Committed to Improving the Lives of Dialysis Patients



## Reliable & Responsive Customer Service is Our Priority

- Calculates minimum order requirements to help avoid extra fees
- Verifies all codes to help prevent ordering errors
- Creates transportation schedule to ensure consistent and timely product delivery
- Selects most cost effective delivery option for urgent orders (common carrier, drop ship, etc.)
- Tracks all orders and deliveries



## Dedicated Transportation Services Ensure Delivery of Your Vital Orders

- Target date and time for delivery is provided
- Deliver product to customer's desired storage location<sup>†</sup>
- Fleet is equipped with satellite tracking equipment
- Pump-off services for drum users<sup>†</sup>
- Drivers remove and recycle empty drums<sup>†</sup>

<sup>†</sup>Additional fees may apply

*Driven to Deliver Life-Sustaining Dialysis Solutions™*



**Technical Support and Customer Care**

800.449.3353

[www.rockwellmed.com](http://www.rockwellmed.com)