

Rockwell Medical SDS  
CitraPure® Liquid Acid Concentrate L4, L3 and L5 Series

**Section 1. Product and Company Identification**

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Product Name: CitraPure® Liquid Concentrate L4, L3 and L5 Series  
Liquid Acid Concentrate for Hemodialysis  
45X, 36.83X and 35X Dilution

Company Identification: Rockwell Medical  
30142 Wixom Rd  
Wixom, MI. 48393  
800-449-3353  
248-960-9009

**Section 2. Hazards Identification**

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Appearance: Clear  
Physical State: Liquid  
Odor: None  
Hazards of Product: Corrosive

**Potential Health Hazards**

Symptoms of Exposure: No Information Available  
Medical Condition Aggravated by Exposure: None Identified  
Routes of Entry: Inhalation, Ingestion  
Flammability Classification: Noncombustible

**Section 3. Composition/Information on Ingredients**

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Component	CAS#	Approx. W/V%
Water	7732-18-5	75 – 80
Sodium Chloride	7647-14-5	17 – 26
Potassium Chloride	7447-40-7	0 – 1.3
Calcium Chloride	10043-52-4	0 – 1.0
Magnesium Chloride	7786-30-3	0.2 – 0.6
Dextrose	50-99-7	0 – 10.0
Citric Acid	77-92-9	0.6 – 0.7

**Section 4. First Aid Measures**

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Eyes: Flush with plenty of water for a minimum of 15 minutes while holding the eyelids open. Seek medical attention.  
Skin: Wash with soap and water. Get medical attention if irritation develops or persists  
Ingestion: If swallowed, do not induce vomiting. Drink a glass of water or milk and call a physician immediately. Never give anything by mouth to an unconscious person.  
Inhalation: If inhaled, remove to fresh air.

### Section 5. Fire Fighting Measures

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Flashpoint:	Not Combustible
Fire-Fighting Instructions:	Not Combustible
Unusual Fire and Explosion Hazards:	None Known

### Section 6. Accidental Release Measures

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Spills: Flush area with water. Wear appropriate protective clothing and equipment during clean up. Dispose of in accordance with Local, State and Federal regulations.

### Section 7. Handling and Storage

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Smoking, eating or drinking in work areas is not recommended. Store in a manner to avoid mix-up or exposure to contaminants. Do not use if the container is breached or damaged.

### Section 8. Exposure Controls/Personal Protection

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Eyewear:	ANSI approved safety glasses or goggles.
Gloves:	Protective gloves should be worn.
Clothing:	A protective apron should be worn when splashes are likely. Rubber boots should be used for spill response.

### Section 9. Physical and Chemical Properties

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Physical state:	Liquid
Appearance:	Clear
pH:	1.1 – 1.7
Solubility in Water:	Complete
Odor:	None

### Section 10. Stability and Reactivity

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Stability:	Stable
Conditions to Avoid:	None known
Incompatible Materials:	Bases and corrosive to metals
Hazardous Polymerization:	Not applicable

### Section 11. Toxicological Information

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Toxicological data is not applicable. The material is not a known or potential carcinogen.

## Section 12. Ecological

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Environmental impact data is not applicable.

## Section 13. Disposal Consideration

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Refer to Section 8 (Exposure Controls/Personal Protection). Refer to local and state guidelines for proper disposal of unused product. Disposal in storm drains is discouraged.

## Section 14. Transport Information

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Not applicable.

## Section 15. Regulatory Status

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Status:	Not regulated
D.O.T. Hazard Class:	None
OSHA:	Not hazardous under 29 CFR 1910.1200
SARA Title III:	Section 302 Extremely Hazardous Substance List: Not Listed
	Section 313 Toxic Chemical: Not Listed

## Section 16. Other Information

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HMIS Ratings:

Flammability: 0

Health: 0

Reactivity: 0

PPE: B