

Rockwell Medical SDS
RenalPure® Liquid Acid Concentrate C, R and F Series

Section 1. Product and Company Identification

Product Name: RenalPure® C, R and F 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

Appearance: Clear
Physical State: Liquid
Odor: Vinegar
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
OSHA: Permissible Exposure Limit (PEL) for General Industry: 29 CFR 1910.1000 Z-1 Table-10 ppm, 25 mg/m³, 8hrs.

Section 3. Composition/Information on Ingredients

Component	CAS#	Approx. W/V%
Water	7732-18-5	75 – 80
Sodium Chloride	7647-14-5	17
Potassium Chloride	7447-40-7	0 – 0.5
Calcium Chloride	10043-52-4	0 – 0.5
Magnesium Chloride	7786-30-3	0.1
Dextrose	50-99-7	0 – 7
Acetic Acid	64-19-7	0.8

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Section 4. First Aid Measures

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

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

Section 6. Accidental Release Measures

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

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

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

Physical state: Liquid
Appearance: Clear
pH: 1.9-2.2
Solubility in Water: Complete
Odor: Vinegar like
Specific Gravity: 1.2

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

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

Section 12. Ecological

Environmental impact data is not applicable.

Section 13. Disposal Consideration

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

Not applicable.

Section 15. Regulatory Status

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

HMIS Ratings:

Flammability: 0
Health: 2
Reactivity: 0
PPE: B