

MSDS: Liquid Acid Concentrate, RenalPure® C, R and F-Series

Section 1. Product and Company Identification

Product Name: Hemodialysis Liquid Acid Concentrate
RenalPure® C-Series, R-Series and F- Series

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

Section 2. 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

Section 3. 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 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. 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 8. 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 9. Reactivity

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

Section 10. 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
RCRA: Not a hazardous material by listing or characteristic

Section 11. Other Information

HMIS Ratings:

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