

# MSDS: Bicarbonate Powder, RenalPure® RB-Series

## Section 1. Product and Company Identification

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Product Name: Hemodialysis Powder Bicarbonate Concentrate  
RenalPure® RB-Series

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

## Section 2. Composition/Information on Ingredients

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Component	CAS#	Approx. %
Sodium Bicarbonate	144-55-8	73.7
Sodium Chloride	7647-14-5	26.3

## Section 3. Hazards Identification

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Appearance: White  
Physical State: Powder  
Odor: None  
Hazards of Product: Non-hazardous

### Potential Health Hazards

Symptoms of Exposure: Non-hazardous  
Medical Condition Aggravated by Exposure: None Identified  
Routes of Entry: Inhalation, Ingestion  
Flammability Classification: Noncombustible

## Section 4. First Aid Measures

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Eyes and Skin: If irritation should occur to broken or abraded skin, wash with copious amounts of water.  
Ingestion: Non-Hazardous  
Inhalation: Non-Hazardous

## 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. Personal Protection

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Eyewear: Not required but recommended.  
Gloves: Not required but recommended.  
Clothing: Not required.

## Section 8. Physical and Chemical Properties

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Physical state: Powder  
Appearance: White  
pH: 7.0 – 8.0 (when mixed)  
Solubility in Water: Complete  
Odor: None

## Section 9. Reactivity

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Stability: Stable  
Conditions to Avoid: None known  
Incompatible Materials: Acids  
Hazardous Polymerization: Not applicable

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

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