

# MSDS: Acetic Acid Solution, 5%

## Section 1. Product and Company Identification

---

Product Name: 5% Acetic Acid Solution – R-100  
Cleaning Agent

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

## Section 2. Composition/Information on Ingredients

---

Component	CAS#	Approx. %
Acetic Acid	64-19-7	5

## Section 3. Hazards Identification

---

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

### 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/m<sup>3</sup>, 8 hrs.

## 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: Approx. 1.3  
Solubility in Water: Complete  
Odor: Vinegar like

### **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

---