

# MATERIAL SAFETY DATA SHEET

## RINSEOUT

### SECTION 1: Product Identification

Product name: Rinseout  
Chemical family: organic acid, aqueous cleaning solution  
Common or trade name: acid rinse agent  
Formula: proprietary  
Description: clear liquid

### SECTION 2: Hazardous Rating (NFPA 704 criteria)

		Hazard Rating Scale :
		4=Severe
Health:	1	3=Serious
Fire:	0	2=Moderate
Reactivity:	0	1=Slight
Special:	0	0=Minimal

### SECTION 3: Hazardous Ingredient

None established. Contains hydroxyacetic acid and citric acid. No ingredients are regulated as hazardous by OSHA criteria.

### SECTION 4: Fire and Explosion Data

Flash point: will not burn  
Special Fire Fighting Procedures: not applicable

### SECTION 5: Health Hazard Data

Effects of overexposure:

- A. Eye contact: can cause eye irritation with discomfort, tearing or blurring of vision
- B. Ingestion: can cause corrosion of mucous membranes with stomach discomfort and nausea
- C. Inhalation: overexposure may cause irritation of mucous membranes
- D. Skin contact: can cause skin irritation with discomfort or rash

Carcinogenicity: not listed as a carcinogen by I.A.R.D., N.T.P., O.S.H.A., or A.C.G.I.H.

Exposure Limits (T.L.V., PEL): exposure limits have not been established by OSHA or ACGIH for ingredients found in this products.

### SECTION 6: Emergency First Aid Procedures

- A. Eye contact: flush with water for 15 minutes, if irritation persists, seek medical care
- B. Skin Contact: immediately wash with plenty of water for at least 15 minutes removing all contaminated clothing. Wash clothing before reuse. If irritation persists get medical attention.

### SECTION 7: Handling Procedures

- A. Protective equipment:
  - Eyes: goggles or face shield
  - Skin: rubber gloves
- B. Ventilation requirements: good general ventilation should be provided.
- C. Storage: store in a cool, well ventilated area. Keep containers closed and avoid spills. Store above freezing temperatures.

# MATERIAL SAFETY DATA SHEET

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(page two)

### SECTION 8: Spill or Leakage Control Procedures

Neutralize spills with alkaline cleaning product (floor cleaner, ammonia, Ultra Dry®, etc.). Flush spill area with plenty of water or absorb liquid with cloths, saw dust, floor absorbent, etc., and dispose of in accordance with applicable regulations.

### SECTION 9: Physical Data

The following data is approximate or typical values and should not be used for precise purposes or product specification.

Melting point:  
Vapor pressure: vapor is water  
Volatiles:  
Boiling point: 212°-218°F  
Solubility in water: 100% miscible  
Evaporation rate:  
Specific gravity (H<sub>2</sub>O = 1):  
pH: 1.9 to 2.3  
Vapor density (air = 1): vapor is water  
Freezing point: 46°F (precipitates)

### SECTION 10: Reactivity Data

Stability: stable  
Hazardous polymerization: will not occur  
Conditions to avoid: strong oxidizing agents  
Incompatibility:  
Hazardous decomposition products: none known

The information in this Material Safety Data Sheet is drawn from recognized sources believed to be reliable but is provided without warranty.

The user must determine safe condition and assume liability for and loss, injury, damage, or expense resulting from use of this product.

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Date: 7/00