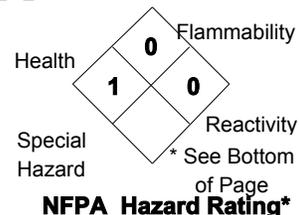


# MATERIAL SAFETY DATA SHEET

Manufactured by:

# 102

**Anderson**  
**Chemical Company**  
325 SOUTH DAVIS AVENUE  
LITCHFIELD, MINNESOTA 55355  
(320) 693-2477



**Product Name: Pristine**

**24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)**

Revised: 01/03/2012 lmt  
Supersedes: 1/15/2007

## I. IDENTIFICATION

**Chemical Name And Synonyms:**

Not applicable

**DOT Shipping Name**

Not applicable

**Chemical Family:**

Organic acid salt

**DOT Hazard Class & I.D. Number**

Not applicable

# PG

## II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Trade Secret	TSRN 9304		NE	NE	NA	Corrosive to eyes. Mild skin irritant.
Trade Secret	TSRN 4130		NE	NE	NA	May cause irritation to the eyes, skin, and respiratory tract.

\*\*Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable  
NE: Not established

## III. PHYSICAL DATA

**Boiling Point:** 212°F  
**Specific Gravity:** 1.035  
**Appearance:** Clear, red liquid

**Form:** Liquid  
**Solubility In Water:** Soluble  
**Odor:** River Rapids  
**pH, 1% Soln.:** 2.0

## IV. FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** Not applicable

**Extinguishing Media:** Water spray, carbon dioxide, dry chemical

**Special Fire Fighting Procedures:** Evacuate personnel to a safe area. Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear. Keep containers cool with a water spray. Avoid breathing decomposition products.

**Unusual Fire And Explosion Hazards:** At temperatures above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas.

## V. HEALTH HAZARD DATA

**Carcinogenic:** The raw materials used in this product are not considered to be a carcinogen by NTP, IARC, ACGIH and OSHA.

**Effects Of Over-exposure:** Causes burns to eyes. Mild skin irritant. Prolonged or repeated skin contact can cause drying, defatting, and dermatitis. Ingestion may be harmful or fatal. Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

**Emergency And First Aid Procedures:** Eyes: Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin: Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

Inhalation: Remove victim to fresh air. If breathing difficulty occurs or persists, get medical attention.

\* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

*Continued On Back*

HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Apron, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

## VI. REACTIVITY DATA

**Stability - Unstable:**

**Stable: x**

**Conditions To Avoid:** Heating above 110°C (230°F) results in an exothermic decomposition with rapid release of CO<sub>2</sub> gas.

**Incompatibility:** Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic.  
(Materials to Avoid) Contact with hypochlorites (e.g. chlorine bleach, sulfides, or cyanides) will liberate toxic gases. Contact with alkaline materials (e.g. aqua ammonia) will generate heat.

**Hazardous Decomposition Products:** Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

## VII. SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Released Or Spilled:

Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Wear appropriate personal protection equipment. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers.

**Waste Disposal Method:** Dispose of waste in accordance with all federal, state and local regulations.

## VIII. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Respiratory protection is not required for normal use.

**Ventilation:** Adequate to minimize exposure.

**Protective Gloves:** Use impervious (rubber, nitrile) gloves.

**Eye Protection:** Use safety glasses

**Protective Clothing:** In situations where contact can be anticipated, protective clothing should be worn.

## IX. SPECIAL PRECAUTIONS

### Precautions To Be Taken In Handling And Storing:

Keep container tightly closed. Store in fiberglass, polyethylene, or polypropylene containers. Do not store in metal containers, especially aluminum. Storage in certain metal containers at temperatures above 60°C/140°F may result in hydrogen gas evolution. Do not store at temperatures above 48°C/120°F.

**Other Precautions** Safety showers and eyewash stations should be provided in the areas where this product is handled.

## X. REVISED INFORMATION

### MSDS Status:

The opinions expressed herein are those of qualified experts within ANDERSON Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of ANDERSON Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.