

## 1. Identification of the substance/preparation and of the company/undertaking

**Product Name** Pristine

**UN/ID No.** Not regulated

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Acidic bathroom cleaner

**Uses advised against** No information available

### Manufacturer Address

Anderson Chemical Company, 325 South Davis Avenue, Litchfield, MN 55355 (320-693-2477)

### Emergency telephone number

1-800-424-9300

## 2. Hazards identification

### Classification

**OSHA Regulatory Status**

**Skin Corrosion/Irritation** Category 2

**Serious Eye Damage/Irritation** Category 1

**Corrosive to Metals** Category 1

### Label Elements

Signal word: **Danger**

#### **Hazard Statements**

Causes skin irritation.

Causes serious eye damage.

May be corrosive to metals.

#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves. Wear eye protection/face protection. Keep only in original container.

#### **Precautionary Statements - Response**

Specific treatment (see Section 4 on the SDS).

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Immediately call a POISON CENTER or doctor/physician.

Absorb spillage to prevent material damage.

#### **Precautionary Statements - Storage**

Store in a corrosive resistant container.

#### **Precautionary Statements - Disposal**

See section 13

#### **Hazards not otherwise classified (HNOC)**

##### **Other Information**

May be harmful if swallowed.

May cause respiratory tract irritation.

Toxic to aquatic life with long lasting effects.



## 3. Composition/information on ingredients

Chemical Name	CAS Number	% by Weight
TSRN9304		<20
TSRN1395		<20

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

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## 4. First aid measures

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**Eye contact**

Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

**Skin Contact**

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

**Inhalation**

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

**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.

**Self-protection of the first aider**

### Most important symptoms and effects, both acute and delayed

**Symptoms**

Causes burns to eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Mild skin irritant. Prolonged or repeated skin contact can cause drying, defatting, and dermatitis. Ingestion may be harmful. Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians**

Provide general supportive measures and treat symptomatically.

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## 5. Fire-fighting measures

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**Suitable extinguishing media**

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed. At temperatures above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas.

**Hazardous combustion products**

Decomposition product may include carbon oxides, nitrogen oxides and hydrochloric acid.

### Explosion Data

**Sensitivity to mechanical impact** None

**Sensitivity to static discharge** None

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to cool fire exposed containers. Move containers from fire area if you can do it without risk.

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## 6. Accidental release measures

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### Personal precautions, protective equipment and emergency procedures

**Personal precautions**

Evacuate nonessential personnel. Ventilate area. Wear appropriate personal protection equipment.

**Environmental precautions**

See Section 12 for additional ecological information. Prevent from contaminating soil or from entering sewage and drainage systems which lead to waterways.

**Methods for containment**

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

**Methods for cleaning up**

Small spills can be flushed with water to drain. Large Spills: Recover free liquid. Absorb with an inert ingredient such as sand, earth, vermiculite and shovel into containers for disposal. After cleaning, flush away traces with water.

## 7. Handling and storage

### Precautions for safe handling

#### **Advice on safe handling**

Avoid contact with eyes, skin, and clothing. Avoid breathing mists. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Do not ingest.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep containers tightly closed and properly labeled. Store in a cool, dry, well-ventilated place away from incompatible materials.

#### **Incompatible materials**

Strong oxidizing agents. Bases

## 8. Exposure controls/personal protection

### Control parameters

#### **Exposure Guideline**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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### Appropriate engineering controls

Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

#### **Eye/face protection**

Avoid contact with eyes. Eye protection is recommended.

#### **Skin and body protection**

Not required for normal use.

#### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Color</b>	Clear green
<b>Odor</b>	Citrus
<b>Odor threshold</b>	No information available
<b>pH</b>	<1
<b>Melting point/freezing point</b>	No information available
<b>Boiling point / boiling range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability upper limit in air</b>	No information available
<b>Flammability lower limit in air</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	1.042-1.062
<b>Water solubility</b>	Soluble in water
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

## 10. Stability and reactivity

### Reactivity

No information available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

None known

### Incompatible materials

Strong oxidizing agents. Bases.

### Hazardous Decomposition Products

Decomposition product may include carbon oxides, nitrogen oxides and hydrochloric acid.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

**Inhalation** Prolonged inhalation may be harmful.

**Eye contact** Causes serious eye damage.

**Skin Contact** Causes skin irritation.

**Ingestion** May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
TSRN9304	1120.9 mg/kg rat		

### Information on toxicological effects

**Symptoms** Symptoms may include stinging, tearing, redness, swelling, and blurred vision to eyes. 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.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available

**Germ cell mutagenicity** No information available

**Carcinogenicity** No information available

Chemical Name	ACGIH	IARC	NTP	OSHA

**Reproductive toxicity** No information available

**STOT - single exposure** No information available

**STOT - repeated exposure** No information available

**Aspiration hazard** No information available

### Numerical measures of toxicity - Product Information

## 12. Ecological information

### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
TSRN9304		Acute LCO >142mg/l; Rainbow trout; Exposure 96 hours	Acute LC50 71mg/L Ceriodaphnia dubia

**Persistence and degradability** No information available

**Bioaccumulation** No information available

**Other adverse effects** No information available

## 13. Disposal considerations

### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.  
**Contaminated packaging** Do not reuse container. Rinse empty container and offer for recycling.

Chemical Name	California Hazardous Waste Status
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## 14. Transport information

**DOT** Not regulated  
**UN/ID No.**  
**Proper shipping name**  
**Hazardous ingredients**  
**Hazard class**  
**Packing group**

## 15. Regulatory information

### US Federal Regulations

#### SARA 311/312 Hazards

Skin Corrosion/Irritation  
 Serious Eye Damage/Irritation  
 Corrosive to Metals

#### CWA (Clean Water Act)

Chemical Name	Reportable Quantities	Toxic Pollutants	Priority Pollutants	Hazardous Substances
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### CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
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### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not Applicable

## 16. OTHER INFORMATION

**NFPA** Health hazards 2 Flammability 0 Instability 0 **Physical and Chemical Properties**  
**HMIS** Health hazards 2 Flammability 0 Physical hazards 0 **Personal protection** X  
**Prepared By** lmt  
**Issue Date** 2021-04-19  
**Revision Date** 2021-04-28  
**Revision Note** 2021 04 19 new formula

### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**