



# Material Safety Data Sheet

## 1. Product and Company Identification

**Product Name** Rusty

**Product Use** Exterior rust stain remover

**Manufacturer** Iron Out dba Summit Brands  
1515 Dividend Road  
Fort Wayne, IN 46808

**Phone** 260-483-2519

**Emergency phone** 1-800-424-9300 (CHEMTREC)

**HMIS**

Health	3
Flammability	1
Reactivity	0

**Revision date** 12/6/07

## 2. Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Oxalic Acid	144-62-7	>90	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

## 3. Hazards Identification

**Emergency overview** Poison! Danger! May be fatal if swallowed. Corrosive. Causes severe irritation and burns to skin eyes and respiratory tract. May cause kidney damage.

**Primary routes of exposure** Eyes and skin

**Effects of acute exposure**

**Eyes** May cause irritation with symptoms of redness, swelling and pain. May cause corneal injury.

**Skin** May cause irritation with symptoms of redness, swelling and pain.

**Ingestion** May cause burns, nausea, severe gastroenteritis and vomiting, shock and convulsions. May cause renal damage.

**Effects of Chronic Exposure** May cause inflammation of the upper respiratory tract. Prolonged skin contact may cause dermatitis. May affect the kidneys.

## 4. First Aid Measures

**Eyes** Flush eyes for at least 15 minutes. Seek medical attention.

**Ingestion** Rinse mouth with water. Drink plenty of water or milk or administer Milk of Magnesia. **Do NOT induce vomiting.** Seek medical attention immediately.

**Inhalation** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

**Skin** Wash with soap and water. Remove contaminated clothing.



## 5. Fire Fighting Measures

<b>Flash point</b>	Not available
<b>Flammability/Combustibility</b>	Oxalic Acid is a combustible solid below 101°C (214°F)
<b>Extinguishing media</b>	Water spray, dry chemical, alcohol foam or carbon dioxide.
<b>Special procedures</b>	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operating in the pressure demand or other positive pressure mode. Use water to keep fire-exposed containers cool.
<b>Unusual hazards</b>	Reacts explosively with strong oxidizing materials and some silver compounds.

## 6. Accidental Release Measures

Utilize recommended protective clothing and equipment. Provide ventilation to the area and remove any unnecessary people. Clean up spills in a manner that does not disperse dust into air. Dispose of spilled material in accordance with local, state and federal regulations.

## 7. Handling and Storage

Wash thoroughly after handling. Do not ingest or inhale. Do not get in eyes, or on skin or clothing.

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, well-ventilated area away from sources of heat, moisture and incompatibilities.

## 8. Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentration below permissible exposure limits.
<b>Respiratory protection</b>	NIOSH approved respirators should be used if airborne concentrations exceed recommended exposure limits.
<b>Protective gloves</b>	Wear impervious gloves (i.e. rubber, neoprene) to prevent skin contact
<b>Eye protection</b>	Chemical safety goggles or safety glasses with full face shield where dusting or splashing potential exists.
<b>Other protective clothing</b>	Wear impervious clothing, including boots, lab coat, apron or coveralls, as appropriate to prevent skin contact.
<b>Hygienic practices</b>	Wash thoroughly after handling.

## 9. Physical and Chemical Properties

<b>Physical state</b>	White crystals
<b>Odor</b>	Odorless
<b>pH</b>	Not available
<b>Boiling point</b>	Not available
<b>Specific gravity</b>	1.9
<b>Vapor pressure (mm Hg)</b>	<0.001
<b>Melting point</b>	215°F (sublimes)
<b>Vapor density (Air=1)</b>	4.4
<b>Solubility in water</b>	14%
<b>Evaporation rate</b>	Not available

## 10. Chemical Stability and Reactivity Information

<b>Chemical stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Heat, ignition sources and incompatibilities
<b>Incompatibilities</b>	Strong oxidizers, silver compounds, strong alkalis, and chlorites
<b>Hazardous decomposition products</b>	Carbon monoxide, carbon dioxide, formic acid
<b>Hazardous polymerization</b>	Will not occur

## 11. Toxicological Information

<b>Carcinogenicity</b>	No
<b>Medical conditions Aggravated by Exposure</b>	Persons with pre-existing skin disorders or eye problems, or impaired kidney or respiratory function may be more susceptible to the effects of this substance.

## 12. Ecological Information

No ecological information is available.

## 13. Disposal Considerations

Dispose of according to local, state and federal regulations.



## 14. Transportation Information

<b>Proper Shipping Name</b>	Corrosive solid, acidic, organic, n.o.s. (Oxalic Acid)
<b>Hazard Class</b>	8 (corrosive)
<b>ID Number</b>	UN3261
<b>Packing group</b>	III

*Note: This product may be reclassified as a Consumer Commodity (ORM-D) if applicable DOT regulations are met.*

## 15. Regulatory Information

Follow all applicable local, State and Federal regulations.

## 16. Other Information

**Prepared by:** SES, 3807 Transportation Drive, Fort Wayne, IN 46818 1-800-654-4915

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