1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name
Ready Strip Rust Remover

Other means of identification

Synonyms
None

Recommended use of the chemical and restrictions on use

Recommended Use
Rust preventative

Uses advised against
No information available

Details of the supplier of the safety data sheet

Supplier Name
Sunnyside Corporation

Supplier Address
225 Carpenter Avenue
Wheeling
IL
60090
US

Supplier Phone Number
Phone: 8003238611
Fax: 8475419043

Supplier Email
sscontact@sunnysidecorp.com

Emergency telephone number
Chem Trec 8004249300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| Serious eye damage/eye irritation | Category 1 |

GHS Label elements, including precautionary statements

Emergency Overview

Signal word
Danger
Hazard Statements
Causes serious eye damage

![Warning Symbol]

Appearance Clear
Physical State Liquid
Odor Mild

Precautionary Statements - Prevention
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
Immediately call a POISON CENTER or doctor/physician

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

Spill
Absorb spillage to prevent material damage

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
None

Hazards not otherwise classified (HNOC)
Not applicable

Unknown Toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

Other information
No information available

Interactions with Other Chemicals
No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>144-62-7</td>
<td>5 - 10</td>
<td>Trade Secret</td>
</tr>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>5 - 10</td>
<td>Trade Secret</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES
First aid measures

**General Advice**
Show this safety data sheet to the doctor in attendance.

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

**Skin Contact**
Wash with soap and water. Get medical attention if irritation develops and persists.

**Inhalation**
Get medical attention immediately if symptoms occur.

**Ingestion**
Get medical attention if symptoms occur.

**Self-protection of the first aider**
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

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

**Most Important Symptoms and Effects**
May cause redness and tearing of the eyes. Burning.

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

**Notes to Physician**
Treat symptomatically.

---

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
None.

**Specific Hazards Arising from the Chemical**
No information available.

**Uniform Fire Code**
Irritant: Liquid

**Hazardous Combustion Products**
Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact**
No.

**Sensitivity to Static Discharge**
No.

**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.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing and eye/face protection.

Environmental Precautions

Environmental Precautions
Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for Containment
Dike far ahead of liquid spill for later disposal.

Methods for cleaning up
Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Sweep up and shovel into suitable containers for disposal. Use personal protective equipment as required.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling
Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Use personal protection equipment.

Conditions for safe storage, including any incompatibilities

Storage
Keep out of the reach of children. Keep container tightly closed.

Incompatible Products
Oxidizing agent. Bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>STEL: 2 mg/m³</td>
<td>TWA: 1 mg/m³</td>
<td>IDLH: 500 mg/m³</td>
</tr>
<tr>
<td>144-62-7</td>
<td>TWA: 1 mg/m³</td>
<td>(vacated) TWA: 1 mg/m³</td>
<td>TWA: 1 mg/m³</td>
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<tr>
<td></td>
<td>(vacated) STEL: 2 mg/m³</td>
<td></td>
<td>STEL: 2 mg/m³</td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures
None under normal use conditions Ensure that eyewash stations and safety showers are close to the workstation location
Individual protection measures, such as personal protective equipment

Eye/Face Protection
Tight sealing safety goggles. Face protection shield.

Skin and Body Protection
None required for consumer use.

Respiratory Protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures
Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Water / white</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>2</td>
<td>None known</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C / 212 °F</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Upper flammability limit</td>
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<td>None known</td>
</tr>
<tr>
<td>Lower flammability limit</td>
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<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
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<tr>
<td>Vapor density</td>
<td>No data available</td>
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<tr>
<td>Specific Gravity</td>
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<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
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<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

Other Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Softening Point</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td>No data available</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
None known based on information supplied.

Incompatible materials
Oxidizing agent. Bases.

Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation
Specific test data for the substance or mixture is not available.

Eye Contact
Specific test data for the substance or mixture is not available. (based on components). Causes serious eye damage.

Skin Contact
Specific test data for the substance or mixture is not available.

Ingestion
Specific test data for the substance or mixture is not available.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>= 7500 mg/kg (Rat)</td>
<td>= 20000 mg/kg (Rat)</td>
<td>-</td>
</tr>
<tr>
<td>144-62-7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
Burning.

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

Sensitization
No information available.

Mutagenic Effects
No information available.
Carcinogenicity
Contains no ingredient listed as a carcinogen.

Reproductive Toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Chronic Toxicity
No known effect based on information supplied.

Target Organ Effects
Eyes.

Aspiration Hazard
No information available.

Numerical measures of toxicity
The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)
5,435.00 mg/kg

ATEmix (dermal)
11,957.00 mg/kg (ATE)

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td></td>
<td>24h LC50: = 4000 mg/L (Lepomis macrochirus)</td>
<td></td>
<td>48h EC50: 125 - 150 mg/L</td>
</tr>
<tr>
<td>144-62-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citric acid</td>
<td></td>
<td>96h LC50: = 1516 mg/L (Lepomis macrochirus)</td>
<td></td>
<td>72h EC50: = 120 mg/L</td>
</tr>
<tr>
<td>77-92-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>-0.81</td>
</tr>
<tr>
<td>144-62-7</td>
<td></td>
</tr>
<tr>
<td>Citric acid</td>
<td>-1.72</td>
</tr>
<tr>
<td>77-92-9</td>
<td></td>
</tr>
</tbody>
</table>

Other adverse effects
No information available.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging
Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number
D002

California Hazardous Waste Codes
791

This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>Toxic</td>
</tr>
<tr>
<td>144-62-7</td>
<td></td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name
CONSUMER COMMODITY

Hazard Class
ORM-D

Description
CONSUMER COMMODITY, ORM-D

Emergency Response Guide Number
153

TDG

UN-No.
UN3265

Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Hazard Class
8

Packing Group
III

Description
UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

MEX

UN-No.
UN3265

Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Hazard Class
8

Packing Group
III

Description
UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

ICAO

UN-No.
UN3265

Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Hazard Class
8

Packing Group
III

Description
UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

IATA

UN-No.
UN3265

Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

Hazard Class
8
Packing Group
Description
III
UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

IMDG/IMO

UN-No.
Proper Shipping Name
UN3265
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class
8
Packing Group
III
EmS No.
F-A, S-B
Description
UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

RID

UN-No.
UN3265
Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class
8
Packing Group
III
Classification code
C3
Description
UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

ADR

UN-No.
UN3265
Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class
8
Packing Group
III
Classification code
C3
Description
UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III

ADN

UN-No.
UN3265
Proper Shipping Name
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Hazard Class
8
Packing Group
III
Classification code
C3
Special Provisions
274
Description
UN3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(OXALIC ACID, CITRIC ACID ), 8, III
Hazard Labels
8
Limited Quantity
5 L

15. REGULATORY INFORMATION

International Inventories
TSCA
Complies
DSL
All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories
Acute Health Hazard: Yes  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden release of pressure hazard: No  
Reactive Hazard: No  

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>RQ Section number 180.950</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**US State Regulations**

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>144-62-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**International Regulations**

**Mexico**

**National occupational exposure limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid 144-62-7 (5-10)</td>
<td></td>
<td>Mexico: TWA 1 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 2 mg/m³</td>
</tr>
</tbody>
</table>

**Canada**

**WHMIS Hazard Class**
E - Corrosive material

---

**16. OTHER INFORMATION**

<table>
<thead>
<tr>
<th>NFPA Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>
Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date
08-Nov-2013
Revision Note
No information available

Disclaimer
The information provided in this 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