



Revision Date: 03-Mar-2025

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: CLOTHESLINE FRESH RUST & IRON RECLAIM PACK R3
Product Code: 7073
Recommended Use: Laundry additive
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone

Numbers:
Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity - Oral: Category 4
Acute toxicity - Dermal: Category 4
Skin corrosion/irritation: Category 1 Sub-category B
Serious eye damage/eye irritation: Category 1

Label elements

Signal word:

Danger

Symbols:



Hazard statements:

Harmful if swallowed
Harmful in contact with skin
Causes severe skin burns and eye damage

Precautionary Statements - Prevention:

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/clothing and eye/face protection
Do not breathe dust/fume/gas/mist/vapors/spray

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.

Skin:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse.

Inhalation:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Precautionary Statements - Storage: Store locked up.

Precautionary Statements - Disposal: Dispose of contents and container in accordance with local, state and federal regulations.

Hazards not otherwise classified (HNOC): Not applicable

Other hazards:

- Corrosive
- Harmful or fatal if swallowed.
- Inhalation of vapors or mist may cause respiratory irritation or damage.
- Contains oxalic acid which may cause kidney damage if ingested.
- Do not mix with hypochlorite-type bleach or other household chemicals as hazardous vapors or gases may be produced.
- Keep out of reach of children
- NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical name | CAS No. | Weight-% |
|----------------------------|------------|----------|
| Oxalic Acid, Dihydrate | 6153-56-6 | 80-100 |
| C9-11 Alcohols Ethoxylated | 68439-46-3 | 1-5 |

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin contact: Wash with soap and water. If skin irritation occurs: Get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.

Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire.

Specific Hazards Arising from the Chemical: Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

Hazardous Combustion Products: May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters: Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions: Do not rinse spill onto the ground, into storm sewers or bodies of water.

Methods for cleaning up: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

| | |
|---------------------------------|--|
| Advice on safe handling: | Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. |
| Storage Conditions: | Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep from freezing. |
| Incompatible materials | Strong oxidizing agents. Strong acids. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|-------------------------------------|---|----------|-------|
| Oxalic Acid, Dihydrate 6153-56-6 | TWA: 1 mg/m ³ STEL: 2 mg/m ³ | - | - |

| | |
|------------------------------|---|
| Engineering Controls: | Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. |
|------------------------------|---|

Individual protection measures, such as personal protective equipment

| | |
|--|---|
| Eye/face protection: | Avoid contact with eyes. Face protection shield. |
| Skin and body protection: | Wear rubber or other chemical-resistant gloves. Use of impervious apron, boots and other protective equipment should be considered in order to prevent or minimize contact with this product. |
| Respiratory protection: | If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required |
| General hygiene considerations: | Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|------------------------|--------------------------|
| Physical state: | Powder |
| Color: | White |
| Odor: | No information available |
| Odor Threshold: | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|--------------------------|--------------------------|
| pH: | 1.0-2.0 (1% in water) | |
| Melting Point / Freezing Point: | No data available | |
| Boiling Point / Boiling Range: | None | |
| Flash Point: | N/A °C | |
| Evaporation Rate: | <1 | (BuAc = 1) |
| Flammability (solid, gas): | No data available | No information available |
| Flammability Limits in Air: | | No information available |
| Upper Flammability Limit: | No data available | |
| Lower Flammability Limit: | No data available | |
| Vapor Pressure: | No data available | No information available |
| Vapor Density: | No data available | No information available |
| Relative Density: | | |
| Solubility(ies): | Soluble in water | |
| Partition Coefficient: | No data available | No information available |
| Autoignition Temperature: | Not applicable | |
| Decomposition Temperature: | Not applicable | |
| Kinematic Viscosity: | No information available | No information available |
| Particle characteristics: | Not applicable | |

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: Not expected to occur with normal handling and storage.
Conditions to Avoid: Extremes of temperature and direct sunlight
Incompatible materials: Strong oxidizing agents. Strong acids.
Hazardous decomposition products: May include carbon monoxide, carbon dioxide (CO₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:
Eye contact: Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
Skin contact: Pain, redness, blistering and possible chemical burn.
Inhalation: Nasal discomfort and coughing.
Ingestion: Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information: Data not available or insufficient for classification.
Target organ effects: Eyes. Kidney. Respiratory system. Skin.

Acute toxicity

Numerical measures of toxicity:

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

ATEmix (oral) 503.00 mg/kg
 ATEmix (dermal) 1,111.00 mg/kg

Component Information:

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|----------------------|-------------|-----------------|
| Oxalic Acid, Dihydrate 6153-56-6 | = 375 mg/kg (Rat) | - | - |
| C9-11 Alcohols Ethoxylated 68439-46-3 | = 1400 mg/kg (Rat) | - | - |

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Persistence and Degradability: No information available.
Bioaccumulation: No information available.
Mobility in Soil: No information available
Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Dispose of in accordance with federal, state and local regulations.
Contaminated packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:
UN/ID No: UN3261
Proper Shipping Name: Corrosive solid, acidic, organic, n.o.s., (contains Oxalic Acid, Dihydrate)
Hazard Class: 8
Packing Group: II

Special Provisions: Corrosive (Class 8), Packing Group II materials meet the exception requirements of section 49 CFR 173.154 when individual containers of not more than 0.3 gallon capacity (1 liter) are packed in a strong outer packaging and ground transportation is utilized. Such material may be reclassified as "Limited Quantity".
Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG:

UN number or ID number: UN3261
Proper Shipping Name: Corrosive solid, acidic, organic, n.o.s., (contains Oxalic Acid, Dihydrate)
Hazard Class: 8
Packing Group: II

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

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 |

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

| | | | | |
|-------------|--------------------------|------------------------|----------------------------|---------------------------|
| NFPA | Health hazards: 3 | Flammability: 0 | Instability: 0 | Special hazards: - |
| HMIS | Health hazards: 3 | Flammability: 0 | Physical hazards: 0 | |

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Revision Note: Section, 2, 3, 7, 8, 9, 11, 12

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