

SAFETY DATA SHEET

Rust Funk Fix(TM)

Concentrated rust-stain remover powder | Revision date: September 4, 2026 | Version 1.0

SECTION 1 - IDENTIFICATION

Product identifier: Rust Funk Fix(TM)

Product type: Oxalic-acid-based dry rust-stain remover concentrate

Recommended use: Removal of rust and iron stains from compatible exterior hard surfaces after dilution with water according to product directions.

Restrictions on use: Use only as directed. Do not ingest. Avoid skin and eye contact and avoid breathing dust. Do not mix with chlorine bleach, strong alkalis, oxidizers, or other household chemicals.

Manufacturer / responsible party: Odor Purge LLC, 2412 Irwin St., Suite 422, Melbourne, FL 32901, USA

Email: info@funk-fix.com

Product support telephone: 321-946-8515

Emergency information: U.S. Poison Help: 1-800-222-1222 (24/7). For life-threatening emergencies, call 911.

SECTION 2 - HAZARD(S) IDENTIFICATION

Product form: Dry crystalline powder mixture.

OSHA/GHS classification: Acute Toxicity (Oral) - Category 4; Acute Toxicity (Dermal) - Category 4; Serious Eye Damage - Category 1; Specific Target Organ Toxicity - Repeated Exposure - Category 2 (conservative classification based on oxalic acid content and supplier/public hazard data).

Signal word: DANGER

Pictogram name(s): Corrosion; Exclamation mark; Health hazard

Hazard statement(s): H302+H312: Harmful if swallowed or in contact with skin. H318: Causes serious eye damage. H373: May cause damage to organs (including kidneys) through prolonged or repeated exposure.

Precautionary statements: Do not breathe dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves and eye/face protection. IF SWALLOWED or ON SKIN and unwell, contact Poison Help or a physician. IF IN EYES: rinse cautiously with water for at least 15 minutes and obtain immediate medical attention.

Other hazards: Acidic dust can irritate or damage tissue. Repeated significant exposure to oxalic acid can affect the kidneys. Keep out of reach of children and pets. Avoid contact with metals or surfaces not listed as compatible on the product label.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

The ranges below encompass the current Rust Funk Fix(TM) formula. The oxalic acid hydration state should be matched to the supplier raw-material SDS.

Ingredient / component	CAS No.	Concentration
Oxalic acid (anhydrous or dihydrate as supplied)	144-62-7 / 6153-56-6	90-98%
Citric acid	77-92-9	2-5%
Sodium citrate (trisodium citrate dihydrate)	6132-04-3	<2%

Exact proportions are proprietary. The current oxalic-acid supplier SDS should be retained to confirm whether the raw material is anhydrous (CAS 144-62-7) or dihydrate (CAS 6153-56-6). The hazard classification in this SDS is conservative for the common commercial forms.

SECTION 4 - FIRST-AID MEASURES

Eye contact: Immediately rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain immediate medical attention.

Skin contact: Remove contaminated clothing and brush off excess dry material. Wash skin thoroughly with soap and plenty of water. Contact Poison Help or a physician if significant exposure, pain, burns, or persistent irritation occurs.

Inhalation: Move to fresh air. Keep at rest in a position comfortable for breathing. Seek medical attention if coughing, irritation, or breathing difficulty persists.

Ingestion: Rinse mouth. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Contact Poison Help or a physician promptly for significant ingestion or symptoms.

Most important symptoms/effects: Severe eye irritation or damage; skin irritation; gastrointestinal irritation, nausea or vomiting if swallowed; significant or repeated exposure to oxalic acid may affect calcium balance and kidneys.

Immediate medical attention: Immediate evaluation is recommended for eye exposure or significant ingestion. Treatment should be symptomatic and guided by a poison center or medical professional.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, dry chemical, foam, or other media appropriate for the surrounding fire.

Specific hazards: Product is not readily flammable. Heating or decomposition can produce carbon monoxide and carbon dioxide. Oxalic acid may react with incompatible chemicals.

Protective equipment for firefighters: Wear full protective equipment and self-contained breathing apparatus. Avoid breathing decomposition fumes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Keep unnecessary persons away. Avoid dust formation, inhalation, and skin or eye contact. Wear gloves and eye/face protection; use appropriate particulate respiratory protection for significant dust.

Cleanup: Carefully sweep or vacuum dry material without generating dust. Place in a suitable, labeled container. Do not mix spill material with alkaline cleaners, oxidizers, bleach, or incompatible waste.

Environmental precautions: Prevent large releases to drains, soil, or waterways. Acidic material can lower water pH.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid all unnecessary contact. Do not breathe dust. Use clean, dry equipment. Wash thoroughly after handling. Do not eat, drink, or smoke in bulk-handling areas.

Storage: Store tightly closed in a cool, dry, well-ventilated place away from strong alkalis, strong oxidizers, chlorites, bleach, reactive metals, food, and incompatible chemicals. Protect from moisture and damage.

Hygiene: Remove contaminated clothing and wash before reuse. Keep out of reach of children and pets.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Oxalic acid OSHA PEL: 1 mg/m³ as an 8-hour TWA (OSHA).

Oxalic acid NIOSH REL: 1 mg/m³ TWA; 2 mg/m³ STEL.

Engineering controls: Use local exhaust ventilation during manufacturing, mixing, or packaging if dust may be generated. Provide eyewash access where bulk material is handled.

Eye / face protection: Chemical splash goggles. Add a face shield for bulk handling or concentrated solution splash risk.

Hand protection: Chemical-resistant gloves suitable for acidic materials.

Respiratory protection: Use appropriate NIOSH-approved particulate respiratory protection when ventilation cannot keep airborne dust below applicable limits or when significant dust is generated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid crystalline powder
Appearance	White to off-white crystals / powder
Odor	Odorless to slight
pH	Not determined for finished dry mixture; aqueous solution is acidic
Solubility	Soluble in water
Flammability	Not readily flammable
Flash point	Not applicable to solid powder
Relative density	Not determined for finished mixture
Oxidizing properties	Not classified as an oxidizer
Other properties	Oxalic acid may decompose or sublime on heating; finished-product data not independently measured

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Acidic material; reacts with strong alkalis. Oxalic acid can react with strong oxidizers and certain metal compounds.

Chemical stability: Stable when kept dry and stored under recommended conditions.

Conditions to avoid: Moisture, excessive heat, dust generation, and contact with incompatible chemicals.

Incompatible materials: Strong bases/alkalis, strong oxidizers, chlorites, bleach, silver compounds, reactive metals, and incompatible cleaners.

Hazardous decomposition products: Carbon monoxide and carbon dioxide may be formed by thermal decomposition.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely routes of exposure: Ingestion, skin contact, eye contact, and inhalation of dust.

Acute toxicity: Harmful if swallowed or in contact with skin based on the high oxalic acid concentration.

Eyes: Causes serious eye damage.

Skin: May cause irritation; harmful absorption/contact is possible with significant exposure.

Inhalation: Dust irritates the respiratory tract. Significant exposure may cause systemic effects.

Repeated exposure: Oxalic acid can affect the kidneys and calcium balance after significant or repeated exposure; this SDS uses a conservative STOT repeated-exposure classification.

Carcinogenicity: Oxalic acid is not listed as a carcinogen by OSHA, NTP, or IARC based on available information.

Numerical toxicity: No acute toxicity testing has been performed on the finished Rust Funk Fix mixture.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No finished-product ecological testing has been performed. Large releases may lower water pH and harm aquatic organisms.

Persistence / degradability: Oxalic and citric acids are expected to degrade in the environment; sodium citrate is water soluble.

Bioaccumulation: Low bioaccumulation is expected for the principal ingredients.

Environmental precaution: Avoid uncontrolled release to waterways or soil.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product disposal: Treat significant unused quantities as chemical waste and dispose of in accordance with federal, state, and local requirements. Do not mix with bleach, strong alkalis, oxidizers, or incompatible wastes.

Packaging: Dispose of contaminated packaging in accordance with local requirements. Do not reuse empty packets or containers.

SECTION 14 - TRANSPORT INFORMATION

U.S. DOT: UN3261, Corrosive solid, acidic, organic, n.o.s. (Oxalic acid), Class 8, Packing Group III is an appropriate conservative transport description for oxalic-acid-rich material; confirm final package-specific classification with the carrier / hazmat shipper.

IMDG / IATA: Typically UN3261, Corrosive solid, acidic, organic, n.o.s. (Oxalic acid), Class 8, Packing Group III for oxalic-acid material. Carrier-specific quantity exceptions and packaging rules may apply.

Marine pollutant: Not expected to be a marine pollutant based on available information.

Special precautions: Keep package dry, closed, upright, and protected from damage. Limited-quantity exceptions may depend on package size and transport mode; verify before shipment.

SECTION 15 - REGULATORY INFORMATION

This SDS is prepared in the 16-section format described by the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200 and Appendix D. Sections 12 through 15 are included for completeness.

The product is intended as a household cleaning/maintenance product and is not represented as a pesticide, antimicrobial product, or disinfectant. Federal, state, local, marketplace, and carrier requirements may apply independently of this SDS.

SECTION 16 - OTHER INFORMATION

Preparation date: September 4, 2026

Version: 1.0 - Initial issue for this formulation

Preparation basis: Prepared from the current Rust Funk Fix formulation (oxalic-acid-rich powder) and public/supplier hazard information for oxalic acid, including OSHA/NIOSH occupational exposure data. Classification is intentionally conservative because the formula contains approximately 95% oxalic acid by current internal formulation records.

Reference basis: OSHA 29 CFR 1910.1200 and Appendix D; current public hazard information for the listed ingredients (including NLM PubChem and OSHA/NIOSH chemical information for oxalic acid where applicable); and current internal formulation records.

Trade-secret disclosure: Exact formulation percentages and proprietary surfactant composition are confidential business information. Concentration ranges are provided for hazard communication and encompass the actual formulation. Required emergency disclosure to qualified health professionals will be made as required by applicable law.

The information in this SDS is believed to be accurate based on the formulation and ingredient information available to Odor Purrg LLC on the preparation date. The finished product has not necessarily been independently toxicologically or physically tested. This SDS is intended for health, safety, handling, and transport communication and is not a product specification or warranty. Current raw-material supplier SDS documents should be retained and reviewed whenever a supplier, grade, or formulation changes.