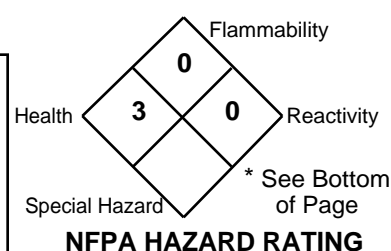


MATERIAL SAFETY DATA SHEET

Distributed by:
Chem Source
1904 Lenore Lane
Red Wing, MN 55066



Product Name: **Iron Stain Remover**

EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Corrosive Solid, Acidic, Organic, N.O.S.
(Oxalic Acid)

Chemical Family:

Acid

DOT Hazard Class & I.D. Number

Corrosive Material UN3261

#

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III

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Oxalic acid	144-62-7	75	0.27 ppm		NA	Corrosive to skin. Harmful to breathe dust
Citric acid	77-92-9	25	not established	not established	NA	Irritant to skin and eyes.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable

III. PHYSICAL DATA

Boiling Point: Not applicable

Specific Gravity: Not applicable

Appearance: White solid

Form: Solid

pH, 1% Soln.: 1.7

Solubility In Water: at 70° F. 10%

Odor: None

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Not applicable

Special Fire

Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And

Explosion Hazards: If the stock solution container breaks, the product should be handled with care as it is corrosive. Product dust can be an explosion hazard. Prevent buildup of dust on walls, floors, and equipment. Toxic fumes may be released.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: Corrosive. May cause burns or severe irritation. May cause irreversible damage to eyes in some cases. Ingestion may cause irritation, burns, lowered calcium level in the blood, death.

Emergency And First

Aid Procedures:
EYES: Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. Get prompt medical attention.
SKIN: Immediately wash skin with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing, shoes and wash before reuse.
INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.
INGESTION: DO NOT induce vomiting. Give large quantities of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.

* NFPA Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

Continued On Back

VI. REACTIVITY DATA

Stability - Unstable: Stable:

Conditions To Avoid: Avoid high temperatures. Avoid mixing with hypochlorites and chlorites.

Incompatibility: Avoid contact with inorganic bases, bleaching agents, oxidizers, chlorites, and reactive metals such as aluminum and magnesium.
(Materials To Avoid)

Hazardous

Decomposition Products: Carbon dioxide, carbon monoxide, miscellaneous organic compounds.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Small spills can be diluted with large amounts of water and flushed to sanitary sewer. For large spills, contain spill and recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. Neutralize if acidity is a problem. Soda ash and lime are neutralizing agents.

Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use. If dust level is high, wear NIOSH approved respirator.

Ventilation: Local mechanical exhaust ventilation capable of maintaining dust emissions at the point of use below the TLV.

Protective Gloves: Rubber or neoprene.

Eye Protection: Chemical goggles.

Protective Clothing: Where contact is likely, rubber apron and boots.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Wear protective clothing when handling. Use only with adequate ventilation. Do not get in eyes, on clothing or skin. Avoid prolonged or repeated contact. Store in a cool, dry place. Keep separate from alkalis, chlorites, hypochlorites. When diluting add acid to water not water to acid.

Other Precautions: Wash thoroughly after handling chemical. Safety showers and eyewash stations should be provided in the areas where this product is handled.

X. REVISED INFORMATION

MSDS Status: Changed product name from Powdered Laundry Rust Remover to Iron Stain Remover

Revised: 11/9/2001 kma

Supersedes: 3/3/2000

The opinions expressed herein are those of qualified experts within ANDERSON Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of ANDERSON Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.