

WENCO Brand
CLEANING SYSTEMS

END RUST *Flouride Type*



Description:

END RUST is a bifluoride rust removing additive for use in all commercial laundry applications.

END RUST laundry spotter is designed to remove rust stains from shirts and linens as a spotter before the laundering operation.

END RUST contains no chlorine and will not damage the fabric.

END RUST is phosphate free.

Use Directions:

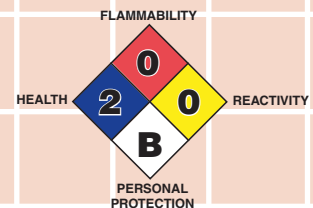
1. Squirt **END RUST** directly on any RUST OR YELLOW stains on laundry work. Wash as usual.

Available Packages:

- ✓ **12x1 Quart Case**

TECHNICAL DATA

Form: Liquid
Fragrance: Odorless
Color: Water White
pH Conc.: 4.0 - 5.0
Viscosity: Thin
Foam: Low
Chlorine: No
Phosphate: None
Density: 8.56 lbs/gal



Walter E. Nelson Co. Corporate
Portland, OR 97217
(503) 285-3037

Coastal Paper & Supply
North Bend, OR 97459
(541) 756-6770

Crown Paper & Janitorial Supply
Walla Walla, WA 99362
(509) 529-4561

Walter E. Nelson Seattle Branch
Kirkland, WA 98034
(425) 814-2665

Walter E. Nelson Eugene Branch
Eugene, OR 97402
(541) 344-0651

Astoria Janitor & Paper Supply Co.
Astoria, OR 97103
(503) 325-6362

Barco Supply
Klamath Falls, OR 97601
(541) 884-9064 - (800) 642-2571

Juniper Paper & Supply
Bend, OR 97702
(541) 312-4070

Walter E. Nelson Spokane Branch
Spokane, WA 99202
(509) 755-0870

WALTER E. NELSON CO.

MATERIAL SAFETY DATA SHEET

END RUST Flouride Type

Date Prepared: 02-02-99 By Charles D. Werner

SECTION 1 - PRODUCT IDENTIFICATION			
Distributor Name: WALTER E. NELSON CO.	Emergency Phone No: 1-800-228-5635 ext. 059		
Address: 5937 N. CUTTER CIRCLE, PORTLAND, OR 97217			
Trade Name: END RUST	Product Type/Use: Laundry Rust Stain Remover		
PRODUCT CODE: FLCRUSXX	Formula:		
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV/PEL
Ammonium Hydrogen Fluoride LD 50 300 mg/kg Oral (Rat) LC 50 N/A	1341-49-7	10	Unknown
No chemicals subject to the reporting requirements of section 313 of title III and of 40 CFR 372 are present			
This product may contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.			
SECTION 3 - PHYSICAL DATA			
Boiling Point: (F) approx. 212 F (100 C) Freezing Point 32 F (0 C)	Specific Gravity: (H ₂ O = 1.0) 1.05		pH: 4.0 - 5.0
Vapor Pressure: (mm/Hg) 18	Vapor Density: Heavier than air		
Solubility In Water: Completely miscible	Coefficient of water/oil: Not available		
Evaporation Rate (Vs ether) slower than ether			
Appearance and Odor: Water white, non-viscous liquid, faint odor.	Odor threshold: Not available		
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): NONE	Flammable Limits	Upper N/A	Lower N/A
Extinguishing Media: water Fog.			
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use Water spray to cool nearby containers and structures exposed to fire.			
Unusual Fire and Explosion Hazards: Not a fire or explosion hazard. However, toxic and corrosive fluoride compounds may be released in a fire situation.			
SECTION 5 - REACTIVE DATA			
Stability: Stable Incompatibility: Strong acids, alkali's, chlorine, cyanides, sulfides.			
Hazardous Decomposition Products: May liberate hydrogen fluoride, ammonia and sulfur oxides. Will form hydrofluoric acid on contact with strong acids; ammonia on contact with alkali's.			
SECTION 6 - HEALTH HAZARDS			
Threshold Limit Value - Product (See Section 2 for Ingredient TLV/PEL) None Established			
Primary Routes of Exposure: Eye - yes Skin-Not Established Oral-yes Inhalation-yes Other			
Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists causes burns to the eyes. INHALATION: Undiluted vapors and mists are corrosive to the nose, throat, and mucous membranes. Irritation, coughing, chest pain, and breathing difficulty may occur with brief exposure while prolonged exposure will result in more severe irritation. SKIN: Redness, drying of skin or other signs of irritation and fluoride-like burns which may not be immediately evident.			
Signs and Symptoms of Over-exposure (Chronic): Exposure to FLUORIDES over years may produce embrittlement and decalcification of bones, and increased calcification of ligaments and vertebrae resulting in spinal stiffness (fluorosis).			
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may be more susceptible.			
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO NONE			
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. GET MEDICAL ATTENTION IMMEDIATELY.			
Skin: Flush with water for at least 15 minutes. Remove contaminated clothing & shoes. Wash before reuse.			
Ingestion: If conscious, drink 1 to 8 glasses of water or milk to dilute. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.			
Inhalation: Get to fresh air. Give artificial respiration if not breathing.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: not normally required Ventilation Requirements: Adequate ventilation required. Mechanical required if necessary to maintain exposure below TLV/PEL.			
Protective Gloves: Wearing resistant gloves is required. Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.			
Other Protective Clothing: Where gross eye and skin contact may occur use and wear appropriate protective clothing, including resistant clothing, rubber boots with pants on the outside, and rubber gloves.			
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled: For small spills, dilute with water and rinse down sanitary sewer. For large spills, contain by diking with absorbent material and carefully neutralize with lime or sodium carbonate. When neutralized, rinse with water into sanitary sewer system..			
Waste Disposal Methods: Note that the contaminants of the product must be considered when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage: Store in a cool dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use.			
Other Precautions: Empty containers will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. When mixing with water, always add this product slowly to water and stir. This product is a class 8 for transportation and storage according to DOT/TDG regulations.			