



ZEP RUST REMOVER™

Removes Rust, Oxides, Tarnish, Soil and Heat Scale

DESCRIPTION

A concentrated, liquid acid product for removing rust, tarnish, oxides, soil and heat scale from iron and steel parts and equipment. Contains a blend of non-volatile mineral acids, corrosion inhibitors, detergents, emulsifiers and dispensing agents.

FEATURES

- No acid fumes
- Fast acting
- Safe on base metal
- Double action
- Concentrated
- Retards flash rusting
- Biodegradable
- Non-flammable
- Free rinsing
- Prepares metal for painting
- USDA authorization

BENEFITS

- No harmful vapors emitted, even when heated.
- Quickly removes rust without need for laborious wire brushing or sand blasting.
- Inhibited to retard attack on iron and steel base metals.
- Cleans and derusts in one easy operation.
- Can be diluted with up to four parts water before use.
- Leaves a thin, rust unhibiting coating on the cleaned metal.
- All synthetic detergent system is completely biodegradable.
- No flash point.
- Rinses completely even in hard water.
- Phosphatizes as it derusts. Promotes good paint adhesion.
- Aithorized as an acid cleaner on all surfaces in all departments.

APPLICATIONS

Recommended for use on iron, steel, auto parts, tools, signs, machine parts, equipment, lighting fixtures, construction equipment, pipes, chains, nuts and bolts, farm machinery, marine equipment, railroad equipment, bridge structures, and guard rails.

COMPANION PRODUCTS

Zep Rust Remover, Zep Rust Arrester, Zep Reach, Zep Lemon Grime-X, Zep Original Orange, Zep Rapid-Sorb Pads, Zep Super Sorbent, Zep Super Sorbent Pillows, Zep Gator Tails, Zep Super Concentrated Floor Cleaner, Zep ZC Concentrate

SPECIFICATIONS

Physical Form	Thin, water-based liquid	Density/Specific Gravity	9.83 lbs./gal. - 1.179
Color	Clear, dark amber	Flash Point	None
Odor	Mild	Shelf Life.....	1 year minimum
pH (Concentrate)0.50 - 1.0	D.O.T. Shipping Label	Corrosive
(Use dilution of 1:4)1.5 - 2.0		

PACKAGING

Gallons
Drums



An AcuityBrands Company

PRODUCT LABEL

PROD. #1470
987

ZEP RUST REMOVER™

Removes Rust, Oxides, Tarnish, Soil and Heat Scale



ZEP MANUFACTURING COMPANY
ATLANTA, GA 30301
A division of Acuity Specialty Products Group, Inc.
CLEAN ACROSS AMERICA
AND THROUGHOUT THE WORLD™



BEFORE USING THIS PRODUCT,
PLEASE READ THIS ENTIRE LABEL.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL
USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

PRECAUCION

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.

HMS RATINGS

HEALTH	3	4 EXTREME 3 SERIOUS
FLAMMABILITY	0	2 MODERATE 1 SLIGHT
REACTIVITY	0	0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	D	Goggles, Gloves, Apron, Boots

ZEP RUST REMOVER™

PROD. #1470
501B

REMOVES RUST, OXIDES, TARNISH, SOIL AND HEAT SCALE

- EMITS NO ACID FUMES
- RETARDS FLASH RUSTING
- PROMOTES GOOD PAINT ADHESION

A concentrated liquid acid product for removing rust from iron and steel without the need for laborious wire brushing or sand blasting. Inhibited to retard attack on base metal. Emits no harmful vapors, even when heated. Cleans and derusts in one easy operation. Deposits a thin, phosphate coating that retards flash rusting and promotes good paint adhesion. Rinses completely even with hard water. Completely biodegradable.

REMOVES RUST FROM:

Iron	Machine Parts	Farm Machinery
Steel	Equipment	Marine Equipment
Auto Parts	Pipes Railroad	Equipment
Tools	Chains	Bridge Structures
Signs	Nuts and Bolts	Guard Rails

DIRECTIONS:

MANUAL APPLICATION: Dilute 1 part product with 1 to 2 parts water. Apply to surface to be derusted by brush, wiping cloth or sprayer. Allow to soak for 5 to 15 minutes. Reapply solution as necessary to keep surface wet. Brush lightly, if necessary, and rinse with water. Hot water is preferable because it rinses faster, promotes more rapid drying and helps retard flash rusting.

DIP TANK: Prepare solution by mixing 1 volume of product per each 2 to 5 volumes of water in an acid-resistant tank.* Solutions may be heated up to 160°F. for greater effectiveness. (Solutions will become cloudy above 140°F. This will not reduce effectiveness.) Immerse items to be derusted and allow to soak until rust has been removed. DO NOT allow soak time to exceed 4 hours. Any remaining rust can be easily removed by mild wire brushing. Rinse items thoroughly with hot water, preferably, because surfaces will dry faster and metals are less likely to flash rerust. Do not soak items made of aluminum, magnesium, babbitt, galvanized, or other acid sensitive metals.

*Use tanks constructed of 316 stainless steel for heated solutions. Rubber-lined, polyethylene-lined, or fiberglass tanks are suitable for unheated applications.

Authorized for use in federally inspected meat and poultry processing plants by the USDA.

DANGER!

Contains phosphoric acid.
CAUSES BURNS

This product can be corrosive to the eyes and may cause blindness. Product can cause severe skin damage. Inhalation of spray mists may cause respiratory tract inflammation or tissue destruction. DO NOT swallow this product. DO NOT breathe spray mists. Inhalation of spray mists may cause respiratory tract inflammation or tissue destruction. DO NOT allow product to contact skin, eyes, or clothing. Repeated exposure can have cumulative effects. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request

Zep advocates limiting exposure to all chemical products. Wear tight-fitting, splash proof safety goggles during product use and when eye contact is possible, especially contact lens wearers. Wear rubber, neoprene, nitrile, or other resistant gloves and acid resistant footwear during use. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, always wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Immediately flush contaminated skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel, or where permitted, to a sanitary sewer (consult local and state regulations) and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, pick up and deposit spilled material in a sealable D.O. T. specification container for disposal as a hazardous waste. Rinse area well with water.

STORAGE: Store tightly-closed container in dry area at temperatures between 40° and 120°F.

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products

1-877-I BUY ZEP
(1-877-428-9937)