

# RUST BUSTER C-22

## RUST STAIN REMOVER FOR CONCRETE & MASONRY

**PRODUCT DESCRIPTION:** Specco Rust Buster C-22 solution is a blend of odorless acids and surfactants formulated for removal of metallic discoloration stains from brick, stone and concrete surfaces. Rust Buster C-22 effectively dissolves and removes surface rust stains caused from corroded metal contact, hardwater stains, snowplough abrasion, or fertilizer deposits. Rust Buster C-22 is suitable for use on flatwork or precast concrete, concrete masonry block, clay brick, terra cotta, and some natural stone surfaces such as limestone, and unpolished marble, granite, slate and sandstone. Typical applications include patios, driveways, parking lots, pool decks, and related flatwork surfaces.

**BENEFITS:** REMOVES TOUGH IRON & METALLIC STAINS EFFICIENTLY...RELEASES MINIMAL FUMES UNLIKE MURIATIC (HYDROCHLORIC ACID) BASED CLEANERS...SAFER THAN MURIATIC ON CONTACT WITH SKIN...HIGH SOLIDS, CONCENTRATED FORMULATION ALLOWS FOR ECONOMICAL DILUTION.

**COMPOSITION:** Blend of phosphoric, oxalic, sulfamic, and citric acid compounds with added neutralizing detergents, drying agents and surfactants. Contains no muriatic acid

PHYSICAL PROPERTIES at 70°F (21°C):	APPROXIMATE VALUES:
Weight per Gallon:	9.60 +/- 0.1 lb./ gallon
Color:	Light blue liquid
V.O.C.	0 g/L

**DILUTION & COVERAGE RATES:** Handle Rust Buster C-22 in polyethylene or polypropylene buckets only, as acidic materials will attack metal. Always pour cold water into the bucket first and then add Rust Buster C-22 solution to the water. Do not use hot water for dilution. **Apply Rust Buster C-22 solution to a small test area to determine suitability and results before making the overall application. Dilution rates can be adjusted based on this pre-test where upon the Rust Buster C-22 cleaner can be used straight (as is) as a concentrate on very tough stains (such as from snow ploughs), or diluted with one part of concentrate and up to three parts potable water for more shallow surface stains.** Typical coverage rates are approximately 100-200 square feet per gallon average of diluted Rust Buster C-22 cleaner, with textured or porous surfaces usually lower at approx. 100 square feet per gallon and harder, denser, less absorbent surfaces at a higher rate of 200 square feet per gallon.

**SURFACE PREPARATION:** Protect the surrounding property, vehicles, and all non masonry acid sensitive surfaces from contact with Rust Buster C-22 cleaner application, overspray and rinse runoff.

**APPLICATION:** Thoroughly saturate the surface to be cleaned with potable water. Apply Rust Buster C-22 on vertical surfaces working from the bottom to the top with a long handled acid washing brush (densely packed bristles) or with a corrosive resistant low pressure sprayer at no higher than 50 p.s.i. maximum. For flatwork surfaces, it is recommended to treat only a 200 square feet section at one time, making sure to cover the entire surface without leaving any dry spots, and to overlap sections before proceeding to the remaining areas. Allow the Rust Buster C-22 to remain on the surface for a minimum of 5 minutes or until the etching reaction (fizzing, foaming or bubbling) is no longer evident. Using a long handled acid brush, work the cleaner into the treated surface and then rinse until all traces of foam disappear. Re-apply a second time if needed, taking care to rinse the surface thoroughly with potable water, removing all of the spent cleaning solution. High pressure rinsing proves most effective and will aid the speed of the stain or deposit removal, however, it is recommended to keep the pressure < 1000 p.s.i. to avoid damage to masonry. Hot rinse water up to 180°F (82.2°C) can be used to help improve the surface cleaning ability and assist in faster stain removal. Clean tools and equipment when done with fresh water.

**CAUTIONS:** Always pre-wet the surface to be cleaned with water. Do not allow the Rust Buster C-22 solution dry into the masonry or concrete. Inadequate pre-wetting of the substrate and complete rinsing of the spent acid residue may result in surface staining or “acid scum” formation. Do not mix Rust Buster C-22 cleaner with other acidic, alkaline or chlorinated based cleaners as the resulting fumes may be harmful or possibly fatal. Rust Buster C-22 will not remove petroleum, grease or oil stains in concrete or masonry substrates, therefore these stains should be removed first by use of Specco Clean & Prep C-20 Detergent or Citrasolve C-25 Degreaser or any other cleaning solutions formulated specifically to remove petroleum based deposits. Do not apply Rust Buster C-22 cleaner when temperatures are below 35 degrees and dropping as freezing conditions may harm the cement surface.

**WARNINGS & SAFETY INFORMATION:** Specco Rust Buster C-22 is an acidic based solution and can cause severe burns. Use with OSHA/NIOSH approved eye protection. Wear protective safety glasses, gloves, and clothing when handling. Refer to product M.S.D.S. (Material Safety Data Sheet) for detailed health and safety information. Protect all grass, foliage and related landscaping from contact with Rust Buster. Keep all traffic off the treated surface until dry. Keep containers closed when not in use and dispose of accordingly in accordance with local, state, and federal regulations. Keep away from food and drink. Do not take internally. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

**H.M.I.S. CODES (Hazardous Materials Identification System):** HEALTH = 3, FLAMMABILITY = 0, REACTIVITY = 0, PERSONAL PROTECTION = C

**FIRST AID PROCEDURES:**

**INGESTION:** Call a physician, emergency room or poison control center immediately. Do not induce vomiting. Get immediate medical attention.

**EYE CONTACT:** Rinse eyes thoroughly for 15 minutes. Get immediate medical assistance.

**SKIN CONTACT:** Remove contaminated clothing and rinse thoroughly for 15 minutes. Get medical attention. Wash contaminated clothing in laundry before reuse.

**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

**24 HOUR EMERGENCY INFORMATION: CALL CHEMTREC @ 1-800-424-9300**

**SHIPPING NAMES:** Phosphoric Acid, Hazard Class 8, UN 1805, Packing Group III, Corrosive Liquid,

**SHIPPING CLASS:** ITEM 4440, SUB 2, LTL 77.5-CONCRETE CLEANERS-ACID BASED

**STORAGE:** Ideal storage is between 60° to 80° F. Keep from freezing.

**SHELF LIFE:** 3 years stored properly. Depending on storage conditions, the shelf life may be extended.

**PACKAGING:** 1 quart, 1 gallon, 5 gallon, 55 gallon containers

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product. Revised -09-29-09