



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, snowplow 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 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 (hydrochloric) acid**

LEED CREDIT CONSIDERATIONS: Materials and Resources: **MR Credit 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, IL. 60901. 90% Content- Harvested within 500 miles.

PHYSICAL PROPERTIES at 70°F (21°C):	APPROXIMATE VALUES:
Weight per Gallon:	9.60 +/- 0.10 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 plows), 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.





APPLICATION (Continued): 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. Note: Use of this cleaner typically lightens the treated concrete. 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, for these stains the use of *Specco Clean & Prep C-20 Detergent* or *Specco Citrus Solve C-25* Degreaser are recommended. Do not apply *Rust Buster C-22* cleaner when temperatures are below 35 degrees and dropping as freezing conditions may harm the cement surface.

GHS HAZARD RATINGS: DANGER:



Irritant: Respiratory Tract Irritation.



Health Hazard: Corrosive Material

WARNINGS: HEALTH HAZARD & IRRITANT: Refer to product S.D.S. (SAFETY DATA SHEET) for FIRST AID INFORMATION, or any related health and safety information before using this product. For medical emergencies only, call INFOTRAC @ 800-535-5053. *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 S.D.S. (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 = 1, PERSONAL PROTECTION = C

SHIPPING NAME: Mixture: Contains Phosphoric Acid, CAS # 7664-38-2 –regulated by D.O.T.

SHIPPING CLASS: UN1805, Phosphoric Acid Solution, CORROSIVE LIQUID, HC 8, PG III
Item #44155 Sub 2 Freight Class 77.5- Concrete & Masonry Cleaning Solution-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

WARRANTY: Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.**

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