



WD-40 SPECIALIST[®] RUST REMOVER SOAK

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

WD-40 Specialist Rust Remover Soak quickly dissolves rust and restores tools, equipment, and surfaces to bare metal without chipping, scraping or scrubbing. Great for removing rust from tools, metal, cast iron, chrome parts, and more without harming paint, gaskets, trim, or other surrounding parts. This rust-removal formula has no toxic fumes, does not use acids or caustic chemicals, is non-irritating to skin, and is safe to use on most metals. To remove light rust, leave parts in the solution for 1-3 hours. To remove heavy rust, leave parts in the rust removal solution overnight. Do not use on parts that have bluing, browning or protective oxide paints, as those protective coatings would be removed.

PACKAGING



APPLICATIONS

- Auto Restoration
- Tractors
- Antiques
- Farm Equipment & Implements
- Trailer & Hitches
- Rusty Tools
- Metal & Chrome Parts
- Cast Iron

FEATURES & BENEFITS

- Dissolves rust quickly
- No Toxic Fumes and Acid Free
- Won't harm surrounding parts, trim, gaskets or paint
- Ideal for restoring rusted parts to bare metal
- 50-state VOC Compliant
- NSF P1 Reg. # 146753

PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|---|----------------|--------------------------|-------------------------|
| BOILING POINT (INITIAL): | Not Determined | EVAPORATION RATE: | Not Determined |
| VAPOR DENSITY (AIR = 1): | Not Determined | VAPOR PRESSURE: | Not Determined |
| SOLUBILITY IN WATER: | 100% | APPEARANCE: | Clear, colorless liquid |
| SPECIFIC GRAVITY (H₂O): | 1.05 | ODOR: | Slight |
| PERCENT VOLATILE (VOLUME): | Not Determined | pH: | 6-8 |
| VOC CONTENT: | 0.0 lb/gal | DENSITY: | 8.75 lb/gal |
| FLASH POINT: | None | FLAMMABLE LIMITS: | Not Applicable |

PERFORMANCE RESULTS

SOAK TEST

Used to evaluate the rust removing capabilities of a test fluid. Rusty steel panels (panels that have been rusted by being exposed to humidity and the salt spray chamber) are partially dipped in rust removing fluid. As shown in the images to the right, WD-40 Specialist Rust Remover Soak removes tough rust and restores the soaked section of the steel panel back to bare metal.

SALT PANEL



6 hours of salt exposure



Results shown after 2-hour treatment



Results shown after 4-hour treatment

HUMIDITY PANEL



6 hours of humidity exposure



Results shown after 2-hour treatment



Results shown after 4-hour treatment



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PACKAGING SPECIFICATIONS

| ORDER# | CASE# / GTIN# | ITEM# / UPC# | DESCRIPTION | INDIVIDUAL UNIT | | | | CASE PACK | | | | PALLET | | | | | | | | |
|--------|-------------------|-----------------|------------------------|-----------------|-----------------|-------|----|-----------|-----------|-----------------|-----------------|--------|-------|------|-----------------|-------------|--------|-----------|----------------|-------|
| | | | | APPROX WT (OZ) | DIMENSIONS (IN) | | | CUBE | CASE PACK | APPROX WT (LBS) | DIMENSIONS (IN) | | | CUBE | APPROX WT (LBS) | CASES/LAYER | LAYERS | TOTAL QTY | APPROX HT (IN) | CUBE |
| 300042 | 100 79567 30004 2 | 0 79567 30004 5 | 1Gal Rust Remover Soak | 142.392 | 5.125 | 7.375 | 10 | 0.219 | 4 | 37.35 | 10.5 | 15.13 | 10.88 | 1 | 1536 | 10 | 4 | 40 | 48.8 | 54.17 |

STORAGE

Store in a cool, dry area. Avoid freezing.

DISPOSAL

This water-based formula is extremely safe, non-toxic, VOC-free, and all ingredients are biodegradable. When used, the rust bonds to the solution and the iron becomes part of the used solution. Check with your local water treatment facility and dispose of according to local, state and federal guidelines.

DIRECTIONS

1. Before soaking, remove as much dirt and loose debris as possible from the item to be treated. Re-move oils and greases with a detergent or degreaser before using his product to improve the rust removal effectiveness.
2. Pour the Rust Remover Soak into a container so that the object being treated is completely sub-merged. This product is ready-to-use and requires no dilution.
3. Leave the item in the solution for at least 30 minutes to remove light rust, overnight (8 hours) for medium rust, and up to 24 hours for heavily rusted items.
4. Remove the item from the solution and rinse with water and dry completely. If rust remains in the metal "pits," soak again and rinse to remove.

To prevent flash rust, spray the surface with WD-40 Multi-Use Product. For long-lasting rust protection, spray with WD-40 Specialist Long-Term Corrosion Inhibitor.

WD-40 Specialist Rust Remover Soak can be re-used. The more you de-rust, the darker the solution becomes. The solution is spent when it turns black and no longer performs. Do not pour the used solution back into fresh product in the original container.

SPECIAL USE WARNINGS

May cause mild skin irritation on prolonged contact. Wash hands after use. **KEEP OUT OF REACH OF CHILDREN.**

FIRST AID: Ingestion (Swallowed): Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth and drink 1 glass of water. Immediately call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596.

Eye Contact: Flush with water. Get medical attention if irritation persists.

Skin Contact: Wash with soap and water. If irritation persists, get medical attention.

REGULATORY INFORMATION

U.S. Regulations: EPA TSCA: All ingredients for this product are listed on the TSCA inventory or exempt from notification. **SARA Title III chemicals:** None. **CERCLA reportable quantity:** This product is not subject to CERCLA reporting requirements. Many states have more stringent reporting requirements. Report spills and other releases as required under federal, state and local regulations. **RCRA hazardous waster no:** None as sold.

