

Description	<p>Rust Revenge is a water-based, powerful rust remover and descaler that works as a safe, workplace friendly solution to a common problem in metalworking industries. Highly effective at removing rust, scale, and build-up using non-hazardous, non-acidic components. Rust Revenge quickly and effortlessly removes rust from submerged parts and is completely biodegradable. This industrial strength remover makes it perfect for applications in metalworking, automotive, military, and for heavy equipment such as engines, turbines, and more.</p> <p>The odor-free, low-foaming, reusable solution eliminates the need for blasting, grinding or using harsh acids. The neutral pH formulation bonds and removes rust, yet doesn't affect metal compositions, plating or painted surfaces. Rust Revenge does not contain VOCs or HAPs, is non-flammable, and completely biodegradable. Available in 1-, 5-, and 55-gallon containers.</p>
Key Features	<ul style="list-style-type: none"> • Non-toxic, water-based, VOC and HAP free solution. • Non-flammable and completely biodegradable. • Odor-free, low-foaming, and pH neutral. Safe to use on multi-surfaces. • Saves time. Can remove rust in as little as 5 minutes. • Reusable solution. One gallon de-rusts approx. 300 lbs (136 kg) of steel, or about 20 lbs (9 kg) of dry rust. • FORD TOX No. 505601
Approvals	
Guide for Use and Removal	<p>Rust Revenge is ready to use as is. No dilution is required. Product works best when the solution is at 60°F (15°C) or higher.</p> <p>Pre-clean items to remove heavy buildup of oil, grease or dirt. Rinse items and fully immerse or spot treat with Rust Revenge. Check progress periodically as soak times varies with severity of rust. Light surface rust will require less than 30 minutes, moderate rust may take up to 4 hours, and deeply rusted parts may require overnight soaking.</p> <p>For high-carbon steel, remove promptly once rust is removed. Once removed, rinse with water, dry, and apply corresponding Daubert Cromwell liquid, paper, or film packaging to protect the clean metal.</p> <p>Follow the same guidelines to descale and remove hard water deposits or build-up.</p>
Storage	<p>Store sealed, in a dry location, out of direct sunlight in temperatures not to exceed 95°F (35°C) or below 50°F (10°C). Storage outside these conditions may affect shelf life.</p>
Shelf Life	<p>12 months from date of shipping, stored in the original shipping container used by Daubert Cromwell and not in high humidity and not at high temperatures, or stored outside.</p>



Physical Data	Property	Typical Value or Range
	Appearance	Colorless to light yellow liquid
	Viscosity	Similar to water
	Pour point - °F (°C)	n/a
	Specific gravity - g/mL	n/a
	Weight per gallon, lbs (ASTM D1475)	8.7 lb/gallon (1.04 kg/L)
	pH	6.0 - 7.0
	VOC	n/a
	Non-Volatile, % by weight (ASTM D2369)	n/a
	Flash point - °F (°C)	non-flammable
	Penetration, cone, non-volatile fraction, dmm (ASTM D937)	n/a
	Indoor Protection Time	Less than 1 month
Outdoor Protection Time	Not recommended	

Disposal Rust Revenge is reusable, however, once the solution turns black and no longer performs, it is ready for disposal. If no hazardous contaminants are introduced, only the iron content of the solution should indicate the disposal method.

Always dispose of product(s) per local, state, and federal regulations. Safe for most household disposal (local restrictions apply).

Warranty The data, statements and recommendations in this product specification sheet are based on testing, research and other development work, which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Physical properties shown above represent typical values and are not intended for use in writing specifications. Actual values may vary. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their production conditions and use. All products manufactured by us are warranted to be first class material and free from defects in material and workmanship. Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other material and products. We make no warranty, express or implied, as to the suitability of any of our products for any particular use, and we shall not be subject to liability for any damages resulting from their use in operations not under our direct control. This warranty is exclusive of all other warranties, express or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products.

