



Rust Remover

Airable Research Lab has developed a soy-based rust remover. Rust and rust stains have been a perennial problem for most ferrous materials that are exposed to the elements. The soy-based rust remover removes rust from iron and steel quickly and effectively, without damaging the underlying metal surface. The product is versatile, making it suitable for a range of materials across industrial and household applications, including machinery, tools, automotive parts, and other metal items.

THE TECHNOLOGY

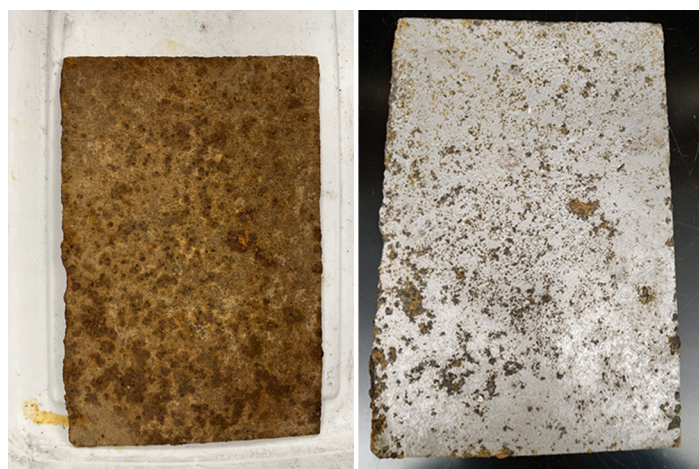
The primary active ingredient is modified soybean derivatives. The modifications impart water solubility and chelating ability to the compound. The chelating agents effectively bind with metal ions present in rust, destabilizing their structures. This chelation process helps to dissolve and dislodge rust particles from the surface, enhancing the overall effectiveness of the rust removal process.

THE TECHNICAL DATA

Property	Value
Active	10%-20%
Physical form at 20°C	Liquid
Flashpoint	None
pH	~3
Basis	Water-based solution
Color	Dark amber to brown

HIGHLIGHTS

- Over 80% bio-based
- Quick and effective
- Better performance than common commercial products



BEFORE

AFTER