



TECHNICAL DATA

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#721 Rustender

Description:

Rustender is an environmentally friendly safe to use liquid rust and corrosion remover for use on ferrous and non-ferrous metal surfaces. Rustender will quickly remove rust and corrosion while not harming iron, steel, copper, brass or aluminum or creating waste disposal problems.

Rustender is formulated to be used straight from the container without any dilution or addition of any other materials. The product is completely water soluble, odorless, and non-flammable. Rustender does not contain any hazardous or highly corrosive mineral acids, toxic volatile acids, such as muriatic or phosphoric acid, phosphorus, chlorine, or petroleum distillates.

Rustender saves money by removing rust for a little as less than 3 cents per pound within the plant. One gallon of Rustender can de-rust over 325 pounds of rusted steel. The steel that was once thought to be scrap will look like new.

Use and Application:

Rustender is used through dipping of the rusted metal parts into any dipping container or bath that is metal or plastic.

Before use it is recommended that any heavy deposits of dirt, oils and greases be removed. Though Rustender penetrates the dirt, oil and grease deposits, these deposits will decrease the life of the Rustender. Dip the metal into any container with the Rustender and let the product do its work. Rustender takes as little as 15 minutes to remove light or flash rust and a few hours for heavily rusted metal. Once the rust is removed, let the metal dry and it is ready for use or to be shipped out.

For metal surfaces that require painting after rust removal: let surface dry and test paint for adherence. If paint does not stick, flush metal with water, let dry and try again.

NOTE: Rustender will no longer perform once it turns completely black.

Benefits and Features:

- Quickly removes rust and corrosion from ferrous and non-ferrous metals (Tubes, tools, etc).
- Removes rust faster and is less expensive than pickling.
- Organic and biodegradable.
- Does not contain any volatile organic compounds.
- Mildly acidic – pH of 5.5 which is actually less acidic than lemon juice or household vinegar.
- Does not contain any hazardous ingredients.
- Non-flammable.
- Environmentally safe for easy disposal.
- Will not tarnish or pit un-rusted steel.
- Can be used safely on painted metal surfaces.
- Mild odor.

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TD-721 (REV 05/2016)

Typical Properties

Specific Gravity	1.08
Appearance	Clear
Odor	Slight
pH	5.5
Freezing Point °F/°C	32°/0°
Flash Point °F/°C	None