

RUST-X USA

Technical Datasheet

Product: RUST- X AquaFlush
Grade: Water Based Cleaning Agent

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Product Description

Exports of automotive components is a very critical task which requires specialized Rust Preventive Packaging schemes in synergism with highly effective rust preventive oils.

Aquaflush is an advanced water based cleaning agent based on organic compounds which effectively dissolve oils and loosen dirt and grit particles. Any iron particles & chips are also removed due to the dissolution action of oils binding these particles onto the component.

The product is totally free from any irritating chemicals that are usually present in generic cleaners. The product also prevents corrosion on the components usually caused due to water in the washing media.

RUSTX Manufactures specialized cleaning agent with rust preventive properties, de-greasing, de-watering & cleaning properties for aluminum components. The following are the features and advantages of the product:

The product has a high flash point and can be used for protection of Cold Rolled Steel, Engine Components, as well as large equipment where indoor open storages are required.

The VCI action of the oil makes it suitable for spraying within hollow equipment such as boilers, heat exchangers, reactors, storage tanks, pipes etc. The VCI fraction evaporates and reaches hard to reach surfaces where the direct oil spray cannot reach and protects the equipment from corrosion.

Product & Application Images



Suitable For

The solution provides short term corrosion protection and provides no intermediate corrosion prevention.

Features

- Corrosion resistant
- Non-irritating to skin
- Non Foaming
- Biologically Friendly
- Heating not required
- Dissolves grease, oils & dirt
- For Fe, Al, Cu, Brass and all plated parts
- Does not react with rubber
- Does not form any deposits
- Non-flammable
- Consists of bio-degradable agent
- Safe for use in contact with skin

Application Method

Dipping by far is the best method for establishing an even layer on the component.
Use of gloves while handling the components as well as immediate packaging is important.

There is no detrimental effect on the adulteration of the Cleaning agent with the Rust Preventive and hence there is no need to dry it completely. Just rinsing and draining the excess cleaning media is sufficient.

Properties

Physical Properties	Test Method	Value
Colour	Visual	Amber Clear
Flash Point (after application)	ASTM D 92	220 °C
pH		8-9
Water Displacement Test		Passes
Degreasability		Passes
Method to use		

Dissolve in DM or tap water @ 3-5% concentration

Equipment: Manual Dipping, Ultrasonic Cleaning Machine, Spray Jet Cleaners

Concentration: 3%-5% (3% for machined components & up to 5% for castings)

Packaging

26 Liters Can & 210 Liters Barrel

Disposal

Wastes should be disposed off in accordance with local regulations.
Recommendation: Do not allow product to reach sewage system.
Disposal must be made according to official regulations.
Packaging that may not be cleansed must be disposed off in the same manner as the product.

Safety Information

RUST-X Rust Preventive Oils do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-restricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union.

Declaration

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations

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