

Zerust® Axxaclean™ 2048

CLEAN TECHNOLOGY THAT REMOVES RUST & TARNISH

PRODUCT INFORMATION

FEATURES

- Rapidly removes rust and tarnish
- Inhibits flash corrosion on treated surfaces
- No VOC's, CFC's, no silicones, or heavy metals
- Non-toxic and biodegradable
- Safe for all types of metals
- Compatible with painted surfaces, rubber and elastomers
- Treated surfaces are ready to be painted or welded
- Does not leave dark residues

BENEFITS

- Recover and restore rusty parts
- Saves time, money and resources
- Reduces scrap and waste

Zerust®Axxaclean™ 2048 rust remover is compatible with all Zerust® corrosion inhibiting film & packaging products.

APPLICATION TYPE



Zerust® Axxaclean™ 2048 is a fast acting and non-toxic rust and tarnish remover. It rapidly removes light to medium rust even in cracks and crevices. Zerust®Axxaclean™ 2048 can be used for ferrous metals, brass, copper and various alloys. Cleaned parts are free of gray or black carbon residue. Parts damaged from the rusting process may have surface roughness, but scale and rust will be gone.

Corrosion Protection

Surfaces treated with Zerust® Axxaclean™ 2048 are protected from flash-rust or re-tarnishing for several days in a controlled environment. For corrosion prone metals like cast iron, use RPs such as Z-Maxx™, Axxanol™ or Axxatec™ products. Zerust® VCI packaging films and papers should be used for long-term protection of parts.

Easy-to-Use and Safe

No special equipment is needed to use this product. A post-treatment rinse with deionized water and then blow-drying with compressed air is recommended. Otherwise, rinse with tap water and wipe completely dry with a clean cloth. Use as recommended for optimum corrosion protection. Axxaclean™ 2048 has a pH of 2.5 similar to a soda drink—making it simple to use and minimizing disposal hassles.

Formulations

Zerust® Axxaclean™ 2048 comes in multiple delivery forms: Immersion, Spray-On, and Brush-On.

APPLICATION EXAMPLES

RECOVER RUSTED PARTS WITH ZERUST® AXXACLEAN® 2048



After several minutes of Spray-On Zerust® Axxaclean™ 2048



RUST REMOVAL CAPABILITY

ORDERING INFORMATION

■ AVAILABILITY/PART NUMBER

Spray-On Version:

16 oz/470mL: 350-M-00014 PT

1 gal/3.8L: 350-M-00014 GL

5 gal/19L: 350-M-00014 PL

55 gal/209L: 350-M-00014 DR

Spray-On & Polish Kit:

16 oz/470mL: 350-M-00014 KIT

Polishing Sponge: 350-X-00004 (2/pk)

Immersion Version:

16 oz/470mL: 350-M-00015 PT

1 gal/3.8L: 350-M-00015 GL

5 gal/19L: 350-M-00015 PL

55 gal/209L: 350-M-00015 DR

■ COVERAGE

186 ft² (17 m²) of 1 mil (25µm) rust removal per gallon.

Axxaclean™ 2048 is ready to use without dilution.

■ SHELF LIFE & HANDLING

Shelf life of 2 years if stored out of direct sunlight. Zerust® Axxaclean™ 2048 may freeze below -10°F (-23°C), but will remain fully functional when thawed to ambient temperature. Store above 32°F (0°F).

■ DISPOSAL

Dispose of chemistry in compliance with applicable local, national and international regulations.

ZERUST® AXXACLEAN™ 2048 PRODUCT INFORMATION

ZERUST® RUST REMOVER COMPARISON:

Attributes	Zerust® Axxaclean™ 3048	Zerust® Axxaclean™ 2048	Zerust® ICT® 620-RR
Color	Dip: Amber Brush-On: Opaque Off-White	Dip: Amber Spray-On: Blue Brush-On: Magenta	Dip: Pale Amber
Effectiveness	Removes heavy rust even in cracks and crevices.	Removes light to medium rust even in cracks and crevices.	Removes light to medium rust even in cracks and crevices.
Speed	Removes medium rust in 5 mins. Removes heavy rust <1 hr.	Removes light rust in 5-20 mins. Removes medium rust 25 mins to 1 hr.	Removes light rust in 5-30 mins. Removes medium rust <1 hr.
Enhancements	To speed rust removal, use a scouring pad or micro-abrasive pad to polish away dissolved rust.	To speed rust removal, use a scouring pad or micro-abrasive pad to polish away dissolved rust.	To speed rust removal, use a scouring pad or micro-abrasive pad to polish away dissolved rust.
Ease of Use	Usable at ≥ 40°F (4°C) Recommended use at ≥ 50°F (10°C).	Use at or above room temperature.	Use at or above room temperature.
Harm to Metal Surfaces	May attack surface of soft metals, some paints and coatings. Acidic pH between 0.5-1.5.	Completely safe for metals, paint, gaskets, rubber, plastics. Acidic pH of 2.5.	Completely safe for metals, paint, gaskets, rubber, plastics. Neutral pH of about 7.
Post-Cleaning Action	Recommended DI or RO water rinse. Wipe off and dry well. Do not allow product to dry on surface.	Recommended DI or RO water rinse. Wipe off and dry well. Do not allow product to dry on surface.	Water rinse, dry and wipe carbon residue.
Corrosion Protection	Provides flash-corrosion protection in controlled environments.	Provides flash-corrosion protection in controlled environments.	Additional corrosion protection needed.
Safety and Flammability	Non-Flammable Corrosive	Non-Flammable	Non-Flammable
Environmental Disposal	Dispose of chemistry in compliance with applicable local, national and international regulations.	Dispose of chemistry in compliance with applicable local, national and international regulations.	Dispose of chemistry in compliance with applicable local, national and international regulations.
Equipment Required	Plastic, glass or ceramic container for soaking parts, ventilation, gloves, face shield and apron.	Plastic, glass or ceramic container for soaking parts, gloves and eye protection.	Plastic, glass or ceramic container for soaking parts.

OTHER PRODUCTS AVAILABLE

Axxaclean™ 3048 Heavy Rust Remover

Easy-to-use, fast acting and rust remover for extreme corrosion.

Axxanol™ Family of Corrosion Protective Coatings

Use Z-Maxx for long-term outdoor corrosion protection.

ICT®500 Series: Packaging Films

Our most widely used series of products. A variety of films offer short or long-term corrosion protection for parts and equipment during storage or shipment.

Warranty and Disclaimer information:

We guarantee our product conforms to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied. See www.zerust.com/warranty.

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