Rust Erase 220

Neutral Rust & Oxide Remover

220 (2x) is a controlled foam cleaner and descaler, which provides unique derusting, degreasing, scale and oxide removal from steel, aluminum, coppers, brass, (all metals) without hazardous caustic or acids. Can eliminate hazardous acids and shot blasting in many operations. Safe to sensitive tooling and finished surfaces.

220 (2x) can be used on all types of steel, cast iron, aluminum, copper, zinc, galvanize, stainless, brick, concrete and plastic surfaces**.** Removes rust, iron oxide, scale and weld flash oxide. Ideal for laser oxide removal also. Provides an ideal surface for bonding of paints, coatings, adhesives and bonds. Extends corrosion resistance of coatings.

220 2x is a neutral pH product @ 8.0, non-hazardous and does not present odor or vapor difficulties. Also provides flash rust protection to unrinsed surfaces. Excellent detergency to remove oils and greases. Also available in jell form for vertical surfaces. Ideal for circulation cleaning/purging of cooling water systems, chillers, etc.

Features & Benefits

- Biodegradable.
- Provides free rinsing with warm or cold water.
- Provides in process rust protection.
- Advanced detergent package for added degreasing/surface cleaning.
- Effective on rust, oxide, laser scale.
- Multi-use product.
- Can be used in power spray wand washers, soaking agitating tanks, or in vibe or tumble finishing operations.
- Excellent product for use prior to painting and coating operations.

Physical Data

pH	8
Product Type	Liquid
Spec. Gravity	1.158
lbs./gal.	9.66
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

Typical Processing

Soak tanks:

1. Time: 8-30 Minutes, or as required.
2. Temperature: Ambient - 180 F. Concentration: 5-20%.

Note: The severity of rust and scale will determine actual time, F, & % for each job.
Spray wash wand application:

3. Inject into wash line (Or feed premixed solution).

Depending on degree of rust, use at 5-20%, keep surface wet to allow solution to remain active.

4. Agitation with pump, eductors, or mixers is recommended to keep fresh solution on the face of difficult scale and oxide.
5. Chiller systems circulate as needed. Inspect obvious areas.

Packaging

Container Type	Poly
Net Units	532
Tare Wt.	25 lb.
Gross Wt.	557
DOT_Name	Not regulated by D.O.T.
DOT Hazard	Not regulated
Tarriff ID	

Use Parameters

Concentration Range	5-20%
Temperature Range	90-200 F.
Time Range	2-45 minutes
Agitation	Soak or steam

Waste Disposal

Remove fats, oils, grease, metals and suspended solids.

Holding Tank Materials of Construction

Steel, stainless, or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

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For more information on this process,
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