

# TECHNICAL DATA SHEET

## TECSTRIP™ 208

### ALKALINE RUST REMOVER

TECSTRIP™ 208 is a heavy-duty alkaline rust stripper designed for use on ferrous alloys. TECSTRIP™ 208 incorporates a highly efficient strip system which rapidly solubilizes most industrial oxides and surface carbon residue. Inert soils and carbonaceous material are easily dispersed and removed from most metal surfaces leaving a chemically clean substrate. TECSTRIP™ 208 is ideally suited to heavy-duty rust, carbon, and light paint removal requirements. TECSTRIP™ 208 can be operated in spray, barrel, and various immersion systems.

TECSTRIP™ 208 is not safe on aluminum, galvanize, tin, and zinc alloys. Copper might tarnish to varying degrees, depending on temperature and time.

#### Applications

Heavy duty rust stripper for steel.

#### Recommendation for Use

Use concentrations of TECSTRIP™ 208 vary from 20 to 60% by volume, depending upon the job. Optimum removal of heavy soils is usually reached between 20-25% by volume but paint and carbon stripping operations may require higher concentrations. Cleaning temperatures range between 140-210°F; derusting is best accomplished at temperatures above 170°F. Mechanical agitation in hot tanks will increase effectiveness and speed up the operation.

- Place a 5 mil sample of the TECSTRIP™ 208 bath in a clean beaker.
- Add 50 mils of water and 4 to 6 drops of phenolphthalein indicator to the sample; a red color will result.
- Titrate with 1.0N HCl to the original color of the bath and water mix. The milliliters of 1.0N HCl required equals the free alkalinity titration.
- Calculation:  $0.425 \times \text{mils of titrant} = \% \text{ by volume}$

#### Benefits

- Quickly removes rust, scale, and any paint related coatings
- Works effectively at lower temperatures than comparable products

#### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

#### Properties

PROPERTY	TYPICAL VALUE
Solubility	Rapid
Causticity	High
Specific Gravity	1.4
pH	>13
Color	Dark brown
Wetting Ability	Excellent
Foaming	Low to non-foaming

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