

## Neutralizer 20

### Technical Data Sheet (TDS)

#### Product Description

**Neutralizer 20** is a diluted phosphoric-acid based metal cleaner for all ferrous surfaces.

#### Product features:

- Efficient surface pre-treatment
- Ensures a more complete bond between primer and steel surface
- Zero VOC

#### Recommended Uses

Neutralizer 20 is intended for industrial applications, either new build or maintenance applications.

Neutralizer 20 is recommended as a metal cleaner for steel surfaces to improve the bond between the steel surface and a primer.

#### Industries:

- Oilfield & Energy Services
  - Well Service Vehicles
  - Drilling
  - Tanks
- Cranes and Construction Equipment
- Waste and Recycling Industry
  - Garbage Trucks
- Trailers and Rolling Stock

#### Mix Ratio

Mix Endura Neutralizer 20 with fresh clean water.

1 part by volume of Neutralizer 20 [FAD0062]  
2 parts by volume of clean water

#### OR

1 part by volume of Neutralizer 20 [FAD0062]  
3 parts by volume of clean water

**Note: Test a small area with the diluted mixture to determine proper dilution levels and to ensure compatibility with the substrates. For powerful performance use full strength: do not reduce.**

#### Product Characteristics

pH	1.0 – 2.0
<b>Shelf Life:</b>	
Neutralizer 20	1 year
For unopened product (77°F (25°C))	

**WARNING! CAUSES EYE AND SKIN BURNS. CAUSES RESPIRATORY TRACT IRRITATION. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD-CAN ENTER LUNGS AND CAUSE DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.**

#### Application Method

#### IMPORTANT SAFETY NOTE:

Applicators should be equipped with rubber gloves, aprons, and goggles to avoid contact with the solution. For spray application, a respirator must be worn. After use, clean equipment thoroughly with water.

1. Apply Neutralizer 20 with brush, roller, mop or low pressure spray. If surface is hot, wet and cool down before applying Neutralizer 20.
2. Moderate scrubbing will aid in performance and speed of cleaning.
3. Allow Neutralizer 20 to remain for 5-10 minutes, but do not allow the surface to dry.
4. Rinse with excess clean water. For large surfaces, rinsing with power washer (1500 psi minimum) is recommended.
5. A thorough rinsing is very important. All of Neutralizer 20 must be removed. Do not allow the cleaner to dry on the surface.
6. When completely removed, the surfaces will no longer foam when rinsed. Water should drain off without any signs of a water break or water beading. Areas showing water break or water beading must be redone.
7. Continue until entire surface is cleaned.
8. Any seams, crevices or rivet areas should be blown dry with clean compressed air.
9. Allow the surface to dry thoroughly before applying primers.
10. If applying a primer, apply once dry but not more than 8 hours after treatment.

**Note: Do not apply under freezing conditions.**

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#### Ordering Information (sizing)

Available in Quarts, Gallons and 5 Gallon Pails  
Other custom sizes may be available.

Quart	
Neutralizer 20	FAD0062-020

Gallon	
Neutralizer 20	FAD0062-030

5 Gallon Pail	
Neutralizer 20	FAD0062-050

#### Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at [www.endurapaint.com](http://www.endurapaint.com).