

## 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

Test a small area with the diluted mixture to determine the 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
Shelf Life:	
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 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 the surface is hot, wet it and allow it to cool down before applying Neutralizer 20.
2. Moderate scrubbing will aid in performance and speed of cleaning.
3. Allow Neutralizer 20 to remain on the surface for 5-10 minutes, but do not allow the surface to dry.
4. Rinse with excess clean water. For large surfaces, rinsing with a power washer (1500 psi minimum) is recommended.
5. A thorough rinsing is very important. All the 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 the entire surface is cleaned.

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- Any seams, crevices or rivet areas should be blown dry with clean compressed air.
- Allow the surface to dry thoroughly before applying primers.
- If applying a primer, apply once dry but not more than 8 hours after treatment.

**Note:**

- Do not apply under freezing conditions.**
- Once completed, clean application equipment thoroughly with water**

### Ordering Information (sizing)

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

Quart (946ml)	
Neutralizer 20	FAD0062-020

Gallon (3.78l)	
Neutralizer 20	FAD0062-030

5 Gallon Pail (18.9l)	
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).