



Techni-Clean #20-LP Acid

LOWEST PHOSPHATE H.D. ACID CLEANER

Acid 20-LP is a non-foam " low level phosphate" and nitric acid-based detergent. It is used for removing scale and stone deposits from equipment and acid flush cleaning in lines and tanks.

By weight of elemental phosphoric pentoxide, Acid 20-LP provides non-foaming properties with excellent rinsing. Removes and penetrates mineral deposits.

Acid 20-LP can be used at lower temperature levels and rinses well with warm or cool water. Removes scale which clogs stainless heat exchangers and boilers.

Features & Benefits

- Biodegradable.
- Easy to use.
- Generally used for CIP cleaning of tanks and lines.
- Can also be used for soak tank cleaning of molds, utensils, and parts.
- Mixes easily with cool or warm water.
- Used in: dairies, bottling operations and other food processing plants.
- Provides bright surfaces on stainless steel.

Note: Removes rust and oxide from steel. It will etch steel.

Physical Data

| | |
|-------------------------|-------------------------|
| pH | <1 |
| Product Type | Liquid |
| Spec. Gravity | 1.24 |
| lbs./gal. | 10.34 |
| Foam, 0 = Low, 9 = High | 3 |
| Shelf-Life Years | 10 years |
| Freeze Information | Not damaged by freezing |

Typical Processing

Cip cleaning of dairy or beverage lines:

1. Concentration: 1/4-1% (typical)
2. Time: circulate in system for 10-30 minutes, temp: 90-140 F.



3. Soak tank cleaning: concentration: 2 1/2-5% by volume.
4. Temperature: 100-130 F.
5. Time: as determined. Agitate if practical.
6. Non-foam brighten & cleaning of process equipment:
7. Prepare solution: 1/4-1%, spray on surfaces, brush, allow soaking period.
8. Rinse with warm or cool water.

Packaging

| | |
|----------------|--|
| Container Type | Poly |
| Net Units | 570 |
| Tare Wt. | 25 lb. |
| Gross Wt. | 595 |
| DOT_Name | UN 2031, Nitric Acid Solution, 8, PG II |
| DOT Hazard | Corrosive |
| Tarriff ID | |

Use Parameters

| | |
|---------------------|-----------------------|
| Concentration Range | ¼-10% |
| Temperature Range | Cool up to 200 F. |
| Time Range | As needed in process. |
| Agitation | Best when available. |

Waste Disposal

Adjust pH as needed. Remove fats oils and grease.

Holding Tank Materials of Construction

Acid resistant, 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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