Citrox LF-50, Acidic Cleaner

Acidic Surface Cleaner Descaler

LF-50 is a mild acidic cleaner for all types of surfaces, including glass, scale, ceramics, metals and plastics. Can be applied by all types of methods, including spray, soak and flooding. Non-corrosive by DOT rules.

LF-50 provides an effective acidic product for removal of scales, oxides, discoloration and films from all surfaces. Ideal prior to plating or coating. Also used for pH control in wash systems. Lowers pH.

Lf-50 is mild for employees to handle and work with. It does not fume, has no odor and is a non-corrosive product as determined by the DOT. Also available inhibited for special processes.

Features & Benefits

- Non-phosphated and biodegradable.
- Rinses freely with cold or warm water.
- Safer product for storage and handling.
- Effectively removes difficult residue from all types of surfaces.
- Cost effective, requiring highly dilute water solutions to do most jobs.
- Use rate of: 1% = 1 oz/gallon of Citric acid, 5% = 8 oz / gal.
- Non-halogen, free of sulfur and chlorides. Can safely be used for descaling water systems and equipment which contain stainless steel metals and others.
- Approved under Ford Motor Tox #037702 "C-25"

Physical Data

pH	1.0
Product Type	Liquid
Spec. Gravity	1.242
lbs./gal.	10.36
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

Typical Processing

Surface brightening: (Simply dilute into desired water ratio)

1. Dilute with water at a rate of 2-5%.
2. Mist spray or soak on surface, allowing a short soak period and then rinse with fresh water.

Note: For extremely difficult residue or oxide on copper, brass or other metals, ACCELERATOR #35 can be added at the rate of 1/2-2% to assist at cleaning these types of soils.

General cleaning or circulation cleaning of water systems:

1. Dilute with water at a rate of 2-5%. For scale and mineral deposits, circulate for 1-4 hours, flush and rinse with fresh water.
2. To Neutralize Alkaline: Use at 1/4% or as required to target pH

Packaging

Container Type	Poly
Net Units	467
Tare Wt.	25 lb.
Gross Wt.	492
DOT_Name	Not regulated by D.O.T.
DOT Hazard	Not regulated
Tarriff ID	

Use Parameters

Concentration Range	½-15%
Temperature Range	80- 200 F.
Time Range	As required by job.
Agitation	As available.

Waste Disposal

Neutralize. Remove metals, fats, oils and grease per local rules.

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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