

High Acid Cleaner FP

DESCRIPTION:

Formulated for the Dairy and Food Processing Industry, this highly active liquid acid removes mineral deposits such as rust, lime, milkstone and beerstone from stainless steel and other acid resistant surfaces.

FAST AND EFFICIENT:

A rich blend of Phosphoric Acid (40%) and wetting agents, High Acid FP quickly penetrates and removes milkstone, beerstone, protein scale and hard water scale from stainless steel and other acid resistant surfaces.

ASSISTS DAIRIES IN COMPLIANCE WITH THE GRADE "A" PASTEURIZED MILK ORDINANCE:

The *Pasteurized Milk Ordinance* is incorporated by reference in Federal specifications for procurement of milk and milk products; is used as the sanitary regulation for milk and milk products served on interstate carriers; and is recognized by public health agencies, the milk industry, and many others as a national standard for milk sanitation.

LOW FOAMING:

High Acid FP's low foaming characteristics means less foam and less time needed for rinsing. No clogged equipment and no pump cavitations.

VERSATILE:

Excellent CIP (Clean in Place) cleaner. May also be used for soak or spray cleaning applications.

EXCELLENT ACIDIC RINSE:

Many food processing cleaning systems require multiple product use. An alkaline product like Spartan Caustic Cleaner FP is used to remove heavy encrustations. This is often followed by a clear water rinse and the use of High Acid FP to effectively neutralize any remaining alkali residue.

NON-FUMING:



Even in its concentrated form, High Acid FP exhibits no hazardous or corrosive fumes.

ENVIRONMENTALLY RESPONSIBLE:

Formulated with concern for the environment, High Acid FP is biodegradable. Contains no butyl. No perfume. Non-flammable.

NSF REGISTERED:

High Acid Cleaner FP is NSF (National Sanitation Foundation) registered "A3" for use as an acid cleaner in and around food processing areas, where its use is not intended for direct food contact. The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling.

SPECIFICATION DATA:

Available Acid – 40%

Form – liquid

Color – clear pink

Specific gravity – 1.26 @ 24°C/75°F

pH – <1

Stability –

- a. Shelf @ 24°C/75°F – one year minimum
- b. Accelerated @ 49°C/120°F – 60 days minimum
- c. Freeze/Thaw – freezes and thaws with complete clarity

Biodegradable

Kosher and Pareve

DIRECTIONS FOR USE:

Some individuals may be sensitive to ingredients in this product. Before use, read product label and MSD sheet.

Do not mix with chemicals not specified on the product label.

CIP Cleaning and Neutralizing: Mix 16 ounces (1 pint) High Acid Cleaner FP with 20 gallons of water. Circulate through system. Rinse thoroughly with hot, potable water.

Soaking: Mix 16 ounces (1 pint) High Acid Cleaner FP with 8 gallons of water. For acidified rinse, mix 1 oz. with 5 gallons of water. Rinse thoroughly with hot, potable water.

General Cleaning of Outside of Tank: Using spray apparatus, spray outside tank area with 1:32 (4 oz. per gallon of water) to 1:20 (6 oz. per gallon of water) dilution of High Acid Cleaner FP. Rinse thoroughly with hot, potable water.

High Foam Application: Dilute High Acid Cleaner FP as recommended in above applications. Add Spartan Foam Additive FP at 1:128 (1 oz. per gal. of diluted cleaner) to 1:12 (10 oz./gal. of diluted cleaner) depending on desired level of foam.

PACKAGING:

High Acid FP is packaged in DOT-approved 275-gallon totes; recyclable HDPE 55, 30, 15-gallon drums, 5-gallon pails and gallons, four per case. Label copy is provided in English and Spanish. Secondary labels are also available.

Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting www.spartanchemical.com.

GUARANTEE:

Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture.