



Synthesis™

One Step Acid Cleaner

Synthesis combines the detergent and acid cycle into one step to save time and money in the C.I.P. washing process. Synthesis improves efficiency and increases cow throughput by reducing downtime in the busy milking parlor. The unique chemistry of Synthesis is effective in cleaning the milking system while also preventing internal teat sealant residue build-up.

Features and Benefits

- **Valuable Time and Money Savings**

Using Synthesis for the C.I.P. washing process increases throughput in the parlor by taking what used to be two cycles, and streamlining them into only one. Less downtime for washing in the parlor equates to more cows milked and increased profits. Plus, in high throughput facilities, this can also provide more time for maintenance of the milking equipment.

- **Distinctive Chemistry = Powerful Cleaning**

The unique formulation, not found anywhere else in the GEA Farm Technologies product line, combines the strong oxidation of Hydrogen peroxide with a dual acid combination that packs a powerful punch in this triple-ingredient acid cleaner. In one easy step, Synthesis removes soils with all the cleaning power needed to work in even the hardest-to-clean or largest of systems.

- **Prevents Teat Sealant Build-Up**

The unique formulation of Synthesis aids in the prevention of waxy internal teat sealant residue that causes hard-to-remove build-ups, which some traditional C.I.P. acid cleaners or degreasers cannot overcome.

- **Decreased Use of Water, Chemicals and Energy**

With one less cycle, you can see a dramatic decrease in the amount of disposed water, and the amount of chemicals being discharged into the system. And, by combining the acid and detergent cycles into one, Synthesis can save on energy. Less water, and less hot water is required — all resulting in a more cost-efficient and environmentally-friendly dairy.

- **Low Foam**

To add to its efficiency, Synthesis is a low-foaming formula, which means no foam build-up in tanks, lines or pumps.

- **Non-Corrosive**

Synthesis does not cause corrosion to stainless steel, glass or rubber parts when used according to directions.

- **100% Customer Satisfaction**

All GEA Farm Technologies hygiene products have a 100% Customer Satisfaction Guarantee.

GEA Farm Services | WestfaliaSurge





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Directions for Use

Consult your GEA Farm Technologies dealer or hygiene specialist for specific recommendations to ensure proper use and performance of this product.

For farm, commercial and industrial use only. Not for human use.

For best results, start using with a milking system free of any residues.

1. Rinse pipeline with clean, warm (110°F / 43°C) water immediately after milking.
2. Add product at 1 oz. (30mL) per 1 to 2 gallons (4-8L) of hot 160°F (71°C) water and circulate for 10 minutes or discharge when temperature reaches 120°F (49°C).
3. Sanitize prior to milking with a GEA Farm Technologies sanitizer according to local health department regulations.

Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. Keep container closed to prevent contamination of this product. Keep from freezing. If frozen, separation may occur. Thaw completely and mix thoroughly before use.

DO NOT REPACKAGE: Keep in original package. Special handling is required. Consult GEA Farm Technologies, Inc. for more information.

Product Properties

Appearance:	Clear, pink liquid.
Odor:	Characteristic
pH:	<2.0 (1% solution)
Viscosity at 77°F (25°C):	None established
Specific Gravity at 77°F (25°C):	1.19 (water = 1)

Ordering Information

U.S. & Canada SKU	Description
7751-0040-671	Synthesis 5 gal. pail (18.9 liters)
7751-0040-673	Synthesis 15 gal. drum (56.7 liters)
7751-0040-675	Synthesis 55 gal. drum (208 liters)
7755-1000-338	Synthesis - Literature (pkg of 20)

GEA Farm Technologies

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