



Pfanzite™, Miracleclean®, & Liquipfan™

Manual Cleaners

Pfanzite is a highly chlorinated, powdered manual cleaner designed especially for cleaning bulk tanks and utensils.

Miracleclean is a non-chlorinated, powdered manual cleaner designed for cleaning of milk tanks and utensils.

Liquipfan is a concentrated, liquid manual cleaner designed for hand-brushing.

Features and Benefits

Pfanzite

Chlorinated Fast Rinsing Manual Cleaner

- **Highly Chlorinated**
Effectively dissolves and removes milk protein.
- **Moderate Foaming**
Allows visual confirmation and fast rinsing when used inside of manually cleaned milk tanks.
- **High Sequestration**
Can be used in a wide-range of water conditions.

Miracleclean

Non-Chlorinated, High Foaming, Manual Cleaner

- **Non-Chlorinated**
Mild formula, gentle on hands.
- **High Foaming**
Provides good contact time for superior soil removal and shine.
- **Excellent Sequestrant Capabilities**
Quickly removes minerals for spot-free cleaning.

Liquipfan

High Foaming Liquid Detergent

- **Liquid Form**
Convenient to use; no dissolving is necessary.
- **Triple Surfactant Formula**
Removes tough soil deposits; even grease.
- **Contains Antiseptic Agent**
DDBSA helps kill bacteria while it cleans.
- **Pressure Wash Capabilities**
Can be used for general cleaning with pressure wash units.
- **100% Customer Satisfaction**
All GEA Farm Technologies hygiene products have a 100% Customer Satisfaction Guarantee.

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Manual Cleaners

Directions for Use

Pfanzite

For cleaning pipelines and milk tanks:

1. Rinse all milking equipment surfaces with clean, warm 110°F (43°C) water immediately after use.
2. Add Pfanzite at 1/2 oz. (14 gm) to each gallon (3.78 L) of hot 125°F (52°C) water. For heavy deposits, use 5 oz. (142 gm) Pfanzite to each gallon (3.78 L) of water as required for complete removal.

NOTE: The amount of manual cleaner required for proper cleaning is related to water quality and buffers, length of contact time and physical pressure applied to the surface.

3. Brush all surfaces thoroughly with the solution.
4. Follow with a clean, tepid water rinse and then with a tepid acidification rinse using a GEA Farm Technologies acid. Drain thoroughly or once each week substitute GEA Farm Technologies MSR for Pfanzite.
5. Sanitize prior to milking with a GEA Farm Technologies sanitizer according to local health department regulations.

Miraclean

For cleaning pipelines and milk tanks:

1. Rinse all milking equipment surfaces with clean, warm 95°-110°F (35°-43°C) water immediately after use.
2. Add Miraclean at 1/3 oz. (9.5 gm) to each 2 gallons (7.6 L) of hot 125°F (52°C) water. For heavy soil load and hard water increased concentration may be required for effective cleaning.

NOTE: The amount of manual cleaner required for proper cleaning is related to water quality and buffers, length of contact time and physical pressure applied to the surface.

3. Brush all surfaces thoroughly with the solution.
4. Follow with a clean, tepid water rinse and then with a tepid acidification rinse using a GEA Farm Technologies acid. Drain thoroughly.
5. Sanitize prior to milking with a GEA Farm Technologies sanitizer according to local health department regulations.

Liquipfan

For brush washing dairy equipment:

As a general recommendation, use one fluid ounce of Liquipfan in 3 gallons of hot (110°-130°F) water. For heavier soils, use approximately one fluid ounce of Liquipfan in 2 gallons of hot water. For lighter soils, one fluid ounce of Liquipfan to 4 gallons of hot water or less can be used. The use concentration of this product will vary and is dependent on water quality, the amount and type of soil present, the temperature of the wash water and the length of contact time with the soils to be removed. In case of a heavy soil buildup, presoak equipment and utensils in hot wash solution for five minutes or longer and wash thoroughly. Acid rinse with warm (95°-105°F) water and store according to local regulations. Use a recommended GEA Farm Technologies sanitizer.

For general purpose cleaning:

Liquipfan can be used for general purpose cleaning by preparing a solution of one fluid ounce of Liquipfan to 3 gallons of hot (110°-130°F) water. For removal of heavy grease and oils, prepare a concentrated solution of one fluid ounce of Liquipfan per one gallon of hot water and soak soiled area for five to ten minutes. Brush thoroughly, rinse and drain. If frozen, separation may occur. Thaw completely and mix thoroughly before use. Store this product in a cool dry area away from direct sunlight and heat to avoid deterioration. Keep containers closed to prevent contamination of this product.

GEA Farm Technologies

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Pfanzite – Product Properties

Appearance:	Free flowing white powder
Odor:	Mild chlorine
pH:	10.0 (1 oz. / gal., 28 g / 3.8 L) typical
Foam:	Abundant
Phosphates:	9.8% by weight as Phosphorus
Rinsibility:	Free rinsing
Solubility:	Completely soluble at recommended use dilutions

Pfanzite – Ordering Information

U.S. & Canada

SKU	Description
7751-0041-033	Pfanzite - 25# plastic pail (11.34 kg)
7751-1000-424	Pfanzite - Literature (pkg of 20)

Miraclean – Product Properties

Appearance:	Free flowing white powder
Odor:	Mild
pH:	Approx. 10.9 (1/3 oz. / 2 gal., 9.4 g / 7.5 L)
Foam:	Abundant
Rinsibility:	Free rinsing
Solubility:	Completely soluble at recommended use dilutions

Miraclean – Ordering Information

U.S. & Canada

SKU	Description
7751-0040-348	Miraclean - 25# plastic pail (11.34 kg)
7751-1000-424	Miraclean - Literature (pkg of 20)

Liquipfan – Product Properties

Appearance:	Clear amber liquid
Odor:	Lemon
pH:	9.8 (1 oz. / 3 gal.), 10.5 (as is)
Specific Gravity at 77°F (25°C):	1.05 (water = 1)
Foam:	Abundant
Rinsibility:	Free rinsing

Liquipfan – Ordering Information

U.S. & Canada

SKU	Description
7751-0240-281	Liquipfan - Case (4x1 gal.) (4x3.78 liters)
7751-0040-287	Liquipfan - 55 gal. drum (208 liters)
7751-1000-424	Liquipfan - Literature (pkg of 20)

7751-1000-424 (pkg of 20)
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