

Monarch[®]

Typhoon[™] Acid

PRODUCT DESCRIPTION

Unique, super concentrated product for acid wash/rinse for dairy equipment.

BENEFITS

DAIRYMEN:

Maximum Effectiveness Provides Quality Assurance

- Helps prevent milkstone, lime and mineral build-up.
- Leaves stainless steel surfaces bright and shiny

Convenient and Economical to Use

- Highly concentrated for use-cost effectiveness.
- Helps minimize packaging disposal problems by reducing plastic waste.

DISTRIBUTORS:

Saves Time and Labor

- Super concentrated formula – up to three times more concentrated than conventional liquids or powders.
- Convenient packaging provides for easy handling, stacking and storing.

ECOLAB[®]

Typhoon™ Acid

PROPERTIES

Form	liquid	pH at 1%	1.8
Color	yellow	pH at 0.1%	2.4
Odor	none	Acidity (as phosphoric acid) ...	63.75%
Foam	low, controlled	Pounds per gallon	12.18 (5.52kg)
Spec. Grav. @ 68°F (20°C)	1.462		

Formula ingredients contain not more than 22.2% Phosphorus, 0.4 g per gallon of average recommended use concentration.

TO USE

General Guidelines for Initial Set-Up: Use product at one-half (1/2) current usage rate. Since cleaning conditions vary depending upon system configuration, water conditions, etc., actual usage rate of Typhoon Acid may vary from one-half (1/2) to one-third (1/3) current rates.

For Dairy Equipment Use:

1. Pre-Flush — pre-flush pipelines and milking units with large volume of potable water.
2. Prepare — prepare washing solution using proper use dilution of Typhoon CIP following label directions carefully.
3. Circulate — circulate above solution through system for 6-8 minutes, brush-washing all parts not coming in contact with circulating solution. Wear rubber gloves when brush-washing equipment.
4. Rinse — rinse with large volume of potable water to remove all detergent solution.
5. Acidify — add one-half (1/2) oz. Typhoon Acid to 12-15 gals. (0.26-0.33 mL/L) of rinse water. Circulate and allow to drain.
6. Sanitize Pipeline — just before milking, sanitize by circulating proper ppm solution of Ecolab sanitizer. Drain completely.
7. Sanitize Bulk Tank — just before using bulk tank, sanitize by spraying with sanitizer applied by sprayer for complete control. Allow to drain.

For first aid and precautions, refer to product label or Material Safety Data Sheet (MSDS).