

# HiTemp™ Acid 445

## Concentrated Nitric and Phosphoric CIP Acid for High Temperature Cleaning

Product Number 1895

HiTemp™ Acid 445 is a strong blended nitric and phosphoric acid detergent for CIP applications in dairy and food processing facilities. It penetrates and dissolves mineral scale, while helping to maintain the oxide film on stainless steel to prevent corrosion. It is the ideal choice for whey evaporators and other high temperature processing equipment.

### Benefits

- Dissolves tough mineral buildups
- Safe for use on stainless steel equipment and surfaces

### Features

- Authorized by the USDA for use in federally inspected meat and poultry plants
- Blended Nitric and phosphoric acid
- Ideal for high temperature processing equipment

### Properties

- Appearance ..... Clear pink liquid
- Total Acid..... 58 - 65 %w/w Phosphoric acid

### Directions for Use

#### Method

Delasan MP may be used in sprays, dip tanks, wash tanks, brush washers, etc..

#### Concentration

Depending on the soil load and the application, HI TEMP ACID 445 is recommended to be used between 0.5 to 2.0% by volume (or 0.64 to 2.6 oz/gal).

#### Temperature

110° to 175° F

#### Cleaning Time

10 to 60 minutes for most soils as required.

**Consult your DeLaval Cleaning Solutions representative for questions on specific applications.**

## Safety Information

### IF ON SKIN (OR HAIR)

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

### IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor/physician.

### IF SWALLOWED

Rinse mouth. Do not induce vomiting.

### IF INHALED

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Control Center or doctor/physician.


Consult your Safety Data Sheet for additional safety information

For more information about this product or any of our other products and services please visit our website at [www.delavalcleaningsolutions.com](http://www.delavalcleaningsolutions.com) or contact us at 1-800-447-8370.



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