

**PRODUCT DESCRIPTION**

*Chem-Star™ 2900 Acid™* is a highly concentrated, nitric/sulfuric acid detergent containing wetting agents and a red dye. 2900 Acid is designed for CIP circulation and COP cleaning of 304 and 316 stainless steel equipment

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**BENEFITS****Promotes Quality Assurance**

Rapidly dissolves milkstone, other minerals and hard water scale  
Wetting agents help penetrate fatty and burned on soils  
Maintains low foam levels in CIP applications to improve cleaning efficiency  
Contains an acid red dye for quick identification

**Saves Time and Money**

Highly concentrated formulation for use-cost effectiveness  
No need for expensive additives as formulation contains wetting agents to assure quick, complete soil penetration and removal

**Environmental Implications**

Formulation contains no phosphorus  
Formulation has less nitrates as compared to most other concentrated acid products.

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## PROPERTIES

Form .....	liquid	pH 1% solution .....	1.3
Color .....	redpH 1%	Total Acidity.....	29.2%
solution .....	1.3	Calculated as Nitric Acid .....	37.5%
Total Acidity.....	29.2%	Odor.....	pungent
Calculated as Nitric Acid .....	37.5%	Spec. Grav. @ 68°F (20°C).....	1.211
Odor.....	pungent	Pounds per gallon.....	10.09 (4.6 kg)
Spec. Grav. @ 68°F (20°C).....	1.211	Formula ingredients contain no phosphorus.	
Pounds per gallon.....	10.09 (4.6 kg)		

## DIRECTIONS FOR USE

2900 Acid is to be used for CIP or COP applications that have 304 and 316 stainless steel equipment.

Use 2900 Acid for an acidified rinse program on all equipment at a concentration of 1.0 ounce per 7.0 gallons (1.1 mL/L) in cold water (where applicable) for 5-10 minutes. Concentration may need to be adjusted depending on alkalinity of water and alkaline wash residual in circuit. Acid rinse pH should be 4-5.

Use 2900 Acid for acid wash CIP applications at a concentration of 0.5 – 3.0 ounces per 1.0 gallon of water (3.9 – 23.4 mL/L). Circulate at 150 – 160° F (66 - 71° C). Rinse with potable water.

Use 2900 Acid for COP applications at a concentration of 1.0 ounce per 7.0 gallons (1.1 mL/L) in cold water for 10 minutes for acidified rinse.

Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment.

For cautionary and first aid information, consult the Material Safety Data Sheet (MSDS) or product label.

## STATEMENT OF ASSURANCE

This product is effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP). This product will not adulterate food product provided that before using it, food products and packaging materials are removed from the room or carefully protected and after using these compounds, surfaces are thoroughly rinsed with potable water.

A Letter of Guaranty as indicated in USDA's Sanitation Performance Guideline is available from your Ecolab representative.

## ECOLAB SUSTAINABILITY POLICY

We have a commitment to our customers to provide effective programs that help protect the health and safety of their customers and employees. We will sell products or services that maximize performance, limit total environmental impact, and are safe as our customers commonly use them. We will inform our customers of the environmental impacts of our products or services, and of their correct use.



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