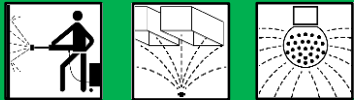


## Sanitizer

# Degrasan® Des P 5%



### Characteristics:

Degrasan Des P 5% is a sanitizer based on a stabilized combination of hydrogen peroxide and peracetic acid. The product can be used as a fast-acting acid sanitizer for multiple applications throughout the food and beverage industry. Degrasan Des P 5% is non-foaming and therefore, especially recommended for use in CIP systems. It is safe on stainless steel, suitable plastics (Polyethylene, Polystyrene) and aluminum, when used as directed.

Product Code: DESP5-0024  
Description: 24 kg Can

A resistance test should be performed whenever aluminum, aluminum alloys, or other soft metals (copper, brass) are present. All gaskets and seals must be oxidation resistant. Degrasan Des P 5% is particularly effective against all types of microorganisms, even in cold water.

### Technical Specifications

Color:	clear
Consistency:	liquid
Smell:	strong vinegar smell
pH-value (1% solution):	~ 3.2
Density:	1.11 g / cm <sup>3</sup>
Available Acidity:	~ 500 ppm

### Declaration of Ingredients

Hydrogen Peroxide, Peracetic Acid

### Application / Dosage:

Concentration:	0.1% - 3%
Temperature:	5 - 20°C
Contact time:	10 - 40 minutes
Technology:	spraying or CIP

- All systems should be thoroughly rinsed with water before the usage of Des P 5%.
- Des P 5% can be used at concentrations between 0.1% and 3.0%, preferably between 0.2% and 1.0%.

### Degrasan Vietchem Joint Stock Company

Biệt thự số 5-1, Palm Garden, 2 Việt Hưng, Khu đô thị Việt Hưng, Phường Việt Hưng, Quận Long Biên, Thành phố Hà Nội, Việt Nam

+84(0) 243 219 1214

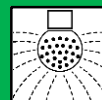
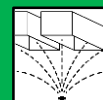
info@ivh-vietnam.com

www.degrasan.net



## Sanitizer

# Degrasan® Des P 5%



### CONTINUED FROM PAGE 1

- The solution temperatures should range between 5° - 20° C circulating the solution for app. 10 to 40 minutes, dependent upon the concentration of the solution and the degree of contamination. The temperature may be increased to 50° C to enhance the effectiveness of the cleaning solution (not suitable for CIP systems).
- After cleaning, all systems should be thoroughly rinsed with potable water until completely free of acid.

### Hazard statements / Safety Instructions

See Material Safety Data Sheet (MSDS) and product label for detailed handling, precautionary, and first aid information.

### Monitoring

The analysis of Des P 5% solutions can be obtained by performing a titration of the free available Peracetic Acid:

Place 25 ml of the cleaning solution into an 250 ml Erlenmeyer flask and add app. 25 ml of 25% Sulfuric Acid titrating the solution against 0.1 N Potassium Permanganate titrant from colorless to a slightly pink endpoint. The consumption in ml of 0.1 N KMnO<sub>4</sub> = Value a. Immediately add app. 1 gram of Potassium Iodide (p.a.) and app. 3 - 4 drops of fresh starch solution titrating the solution against 0.1 N Sodium Thiosulfate titrant from blue-black to a colorless endpoint. The titration has reached its endpoint when the solution remains colorless for more than 1 minute. The consumption in ml of 0.1 N Sodium Thiosulfate = Value b

### CALCULATIONS:

Value a x 68 = free available Hydrogen Peroxide in ppm (mg/l)

Value b x 152 = free available Peracetic Acid in ppm (mg/l)

The concentration of Des P 5% can also be obtained by a test kit for a fast analysis under plant conditions. The test kit can be obtained upon request from our technical services.

### Storage Information

Store in original containers in a dry and cool area. Keep container tightly closed. Close open containers carefully and store upright to prevent leakage. Ventilate storage rooms well. Store in accordance with local regulations.

### Ecology

Refer to material safety data sheet (MSDS)

Product Code: DESP5-0024  
Description: 24 kg Can

### Degrasan Vietchem Joint Stock Company



Biệt thự số 5-1, Palm  
Garden, 2 Việt Hưng, Khu  
đô thị Việt Hưng, Phường  
Việt Hưng, Quận Long  
Biên, Thành phố Hà Nội,  
Việt Nam



+84(0) 243 219 1214



info@ivh-vietnam.com



www.degrasan.net