



# SparClean<sup>®</sup>

## 49

## Detergent II

SparClean Detergent II is a non-chlorinated, non-foaming warewashing detergent for use in both low and high temperature dish machines. SparClean Detergent II provides the alkalinity needed to effectively clean and remove tough greasy soils from dishes. The formulation works extremely well with both SparClean High and Low Temperature Rinse Aids to produce clean, spot free dishes. SparClean Detergent II contains no phosphates or EDTA and is more environmentally preferable than most traditional warewash detergents.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



Spartan Chemical Company, Inc.  
 1110 Spartan Drive  
 Maumee, OH 43537  
 1-800-537-8990  
 www.spartanchemical.com

**COLOR AND NUMBER SYSTEM:**

Each SparClean product is color and number coded for easy product identification. All product references and labels reflect this color and number, making training short and simple.

**PACKAGING:**

All SparClean products are packaged in translucent 5-gallon pails and gallons. The clear packaging allows you to see exactly what remains in your container and enables timely reorder of your warewash products. Detergent II is also packaged in a closed system gallon to reduce possibility of contact with product.

**SUPPORT ACCESSORIES:**

Several dispensing options are available to complement the SparClean warewash line of products. We will also smooth your transition with training materials such as a general application SparClean Warewash Wall Chart.

**DIRECTIONS FOR USE:**

**DO NOT MIX WITH OTHER CHEMICALS**

Some individuals may be sensitive to ingredients in this product. Please read product label and MSD sheet before use. SparClean Detergent II is not intended for manual washing.

Detergent dosages will vary depending on the type of dish machine being used.

1. Scrape and pre-rinse dishes before washing.
2. Properly rack and load dishes according to machine manufacturer's directions.
3. SparClean Detergent II may be used with

a probe or probeless dispenser. Set dispenser according to the manufacturer's directions.

**LOW TEMPERATURE DISH MACHINES:**

1. Charge tank with 6 – 8 milliliters of this product per 1 gallon of water.
2. Titrate wash water alkalinity to verify proper chemical dosage:
  - a. Light Soil Load: 6 drops (60 ppm)
  - b. Medium Soil Load: 8 drops (80 ppm)
  - c. Heavy Soil Load: 10 drops (100 ppm)
3. Adjust dosage in 1 ml per gallon increments to ensure proper chemical concentrations if needed.
4. Run tests racks to check cleaning efficiency.
5. Adjust concentration if warranted. water permitting quicker, more effective cleaning in all wash temperatures.

**HIGH TEMPERATURE DISH MACHINES:**

1. Charge tank with 8 – 14 milliliters of this product per 1 gallon of water.
2. Titrate wash water alkalinity to verify proper chemical dosage:
  - a. Light Soil Load: 10 drops (100 ppm)
  - b. Medium Soil Load: 12 – 13 drops (120 – 130 ppm)
  - c. Heavy Soil Load: 15 drops (150 ppm)
3. Adjust dosage in 1 ml per gallon increments to ensure proper chemical concentrations if needed.
4. Run tests racks to check cleaning efficiency.
5. Adjust concentration if warranted.

For excessive hard water situations, an increase in SparClean Detergent II dosage is recommended. For best results use in conjunction with a SparClean rinse aid.

**NOTE:** Product may damage or discolor aluminum or other soft metals, plastic and laminate countertops or other surfaces likely to be harmed by alkaline materials.

**Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or at www.spartanchemical.com.**

**SPECIFICATION DATA:**

- pH – 13.5 – 14.0  
 Color – Clear  
 Stability -
- a. Shelf – One year minimum @ 24°C/75°F
  - b. Accelerated – 30 days minimum @ 49°C/120°F
  - c. Freeze/Thaw – Can withstand three freeze/thaw cycles

Phosphate free  
 EDTA free  
 Contains biodegradable components  
 Each SparClean product is formulated to comply with various regulations. Consult Spartan's Letter of Guaranty for specifics.



Distributed by:

PACKAGING	
764905	5-gallon pail
764904	1-gallon (4 per case)
764904I	1-closed gallon (4 per case)



Label copy is provided in English and Spanish. Secondary labels are also available.

**GUARANTEE:** Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

For institutional and industrial use only.

© SCC 4/11 L7649