









## **Food Processing**

### sanitation made simple<sup>™</sup>

# FP PR

- Cleaning & sanitation solutions
- Eliminate foodborne pathogens
- Support efforts with GFSI, FSMA, SQF, BRC, HACCP, etc.
- Local training, service, and support

### Spartan<sup>®</sup> HIGH PERFORMANCE PRODUCTS

For over 60 years Spartan has earned wide recognition for its high quality, high performance products. Spartan Research and Development Laboratories are GLP compliant (Good Laboratory Practices). FDA (Food & Drug Administration) regulated products are manufactured in CGMP production facilities (Current Good Manufacturing Practices). All products are extensively field tested to meet the ever-changing needs for improved sanitation in the food industry. Spartan products are so good, they're guaranteed!

#### **Energy Efficient**

• Spartan's cleaners, degreasers and sanitizers perform well in hot, warm, or cold water

#### **Compliance with Regulations**

- Production facility FDA Registered
- Products are developed to assist compliance with the Food Safety Inspection Service (FSIS), Food Quality Protection Act, FDA Food Code Book, OSHA, and other guidelines

#### **Economical**

- Right products combined with training minimizes labor
- Focus on in-use cost
- Application-specific dispensing systems

#### **Employee Training**

- Charts, videos, and product applications
- CompuClean<sup>®</sup> Sanitation Management Software
- CleanCheck<sup>®</sup> Training Program
- 9 step sanitation training program



#### **Technical Support**

- 70 highly-trained Spartan Regional Managers are readily available for field support
- Validate cleaning with ATP units, which use bioluminescence to verify and validate that a surface has been cleaned. ATP units are available for a discount through Hygiena (www.hygiena.net).
- We can help make sure your Sanitation Program is in compliance with third-party audits (SQF, BRC, AIB, etc.)

#### **Environmental Commitment**

- Conform to or surpass strict guidelines of the EPA Clean Water Act
- Spartan products are packaged in recyclable, reusable, and/or disposable containers

Recent reports of E. coli, salmonella, listeria, cryptosporidium, and cyclospora outbreaks in the meat, poultry, vegetable, and fruit processing industries have resulted in tragic loss of life, serious public concern, and tremendous loss of profits.

This situation presents a new paradigm for food processors... the need to implement more effective food safety functions and comply with FDA and other performance-oriented standards, such as the Hazard Analysis and Critical Control Points (HACCP) Systems, that regulate the meat and poultry industries while maintaining minimal operating costs.

Spartan's Food Plant Sanitation Program includes all the essential elements needed to ensure a clean, sanitized facility. It provides products, equipment, appropriate procedures, and worker-hygiene visual aids to prevent direct product contamination or adulteration and assist the elimination of foodborne bacteria.



### FOAMING CAUSTIC/ALKALINE



Chlorinated Degreaser • pH 13.0-13.5 • 3-6 oz/gal

Heavy-duty alkaline cleaner fortified with bleach.

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	275
Chlorinated Plus® • pH 13.5-14.0 • 1-6 oz	/gal
Ultra heavy-duty alkaline cleaner fortified with bleach.	
<b>DFP-32</b> <sup>®</sup> • pH 12.4-12.8 • 4-26 oz/gal	
Economical, all purpose cleaner.	
	3008
	275
Ecoming Coustic Clooper ED®	<b>`</b>

307460 275 gal	307455 55 gal	307430 30 gal	307415	307405
307460	307455	307430	307415	307405

308015

15 gal

308005

5 gal

308004

1 gal x4

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•	Carrie	

275 gal	55 gal	30 gal	15 gal	5 gal	1 gal x4
300860	300855	300830	300815	300805	300804



Foaming Caustic Cleaner FP<sup>®</sup> • pH 14.0 • 1-12 oz/gal High-alkaline, high-foam, removes fat, dissolves protein, removes carbonized and greasy soils.

308060

275 gal

308055

55 gal

308030

30 gal

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317960 317955 317930 317915 317905	275 gal	55 gal	30 gal	15 gal	5 gal	
	317960	317955	317930	317915	317905	

318915

15 gal

312660

275 gal

318905

5 gal

312655

55 gal

318904

1 gal x4

312605

5 gal



Inspector's Choice<sup>®</sup> • pH 13.0-13.5 • 3-6 oz/gal High-foam, synthetic detergent removes grease, animal and poultry blood and fat.

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275 gal	55 gal	30 gal	15 gal	5 gal	1 gal x4
304560	304555	304530	304515	304505	304504

### LOW-FOAM CAUSTIC/ALKALINE



Caustic Cleaner FP<sup>®</sup> • pH 14.0 • 1-12 oz/gal

High-alkaline, low-foam. Removes fat, dissolves protein, and removes carbonized and greasy soils.



High Performance Alkaline FP • pH 14.0 • 1-6 oz/gal

Highly concentrated versatile alkaline detergent used for brewery cleaning (brew kettles, fermenters, conditioning tanks, and filters), fryer boil-out, smokehouses, and CIP/COP equipment. Effective at removing baked-on soils.

318960

275 gal

318955

55 gal

318930

30 gal



**LFC**<sup>®</sup> • pH 13.0-14.0 • 2-6 oz/gal

Low-foam alkaline and sodium hypochloride-based product. Removes stains and protein.  $\odot$ 

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275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4	
307560	307555	307530	307515	307505	307504	

### **ACID CLEANERS**

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Acid Blend FP<sup>®</sup> • pH < 1.0 • 1-6 oz/gal

Nitric phosphoric acid blend used for passivation and to remove inorganic deposits from tank surfaces. Fragrance and dye-free. Removes hard water deposits and alkaline/caustic residue. Low-foam.

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312455	312405
55 gal	5 gal



#### Foaming Acid Cleaner FP<sup>®</sup> • pH < 1.0 • 1-10 oz/gal

Concentrated phosphoric acid cleans mineral deposits, protein, and hard water scale. High-foam.

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308160	308155	308130	308115	308105
275 gal	55 gal	30 gal	15 gal	5 gal



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<b>High Acid Cleaner FP</b> <sup>®</sup> • pH < 1.0 • 1-10 oz/gal Highly active phosphoric-based product. Removes mineral deposits, alkaline residue, etc. Low-foam.							
	308260	308255	308230	308215	308205	308204	
	275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4	
High Acid Cleaner FP® Phosphate Fre	<b>е</b> • рН	· < 1.0 •	1-10 oz	/gal			
Excellent for CIP cleaning and neutralizing applications. Co	omplies w	ith state p	hosphate	regulatio	ns.		



309560	309555	309530	309515	309505	309504
275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4

### **GENERAL PURPOSE**



**Tough on Grease**<sup>®</sup> • pH 11.7-12.3 • 12 oz/gal Water-soluble cleaner/degreaser featuring Polemic Technology to safely remove petroleum grease.

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203465	203460	203455	203430	203415	203405	203404
330 gal	275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4



Peroxy Protein Remover, Cleaner & Whitener • pH 2.0-3.0 • 1-12 oz/gal

Hydrogen-peroxide-based cleaner removes blood and blood stains from food prep surfaces. Brightens grout.



275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4	
382160	382155	382130	382115	382105	382104	

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•	Bakery		Dairy
Θ	Beverage	0	Egg Washing
Ø	Brewery	Ø	General Food Products
	<b>CIP Applications</b>	Q	Meat/Poultry

### HARD SURFACE SANITIZERS



#### Acid Sanitizer FP<sup>®</sup> • pH < 1.0 • 1.5 oz/4 gal

Concentrated phosphoric acid, quat-based formula cleans and sanitizes surfaces. No-rinse. EPA Reg. No. 10324-67-5741.

275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4
315460	315455	315430	315415	315405	315404

315930

30 gal

315915

15 gal



**PAA Sanitizer** • pH < 1.0 • 1:20-1:768 Peroxyacetic-acid-based sanitizer. Can be used to sanitizer unprocessed fruits and vegetables. EPA Reg. No. 63838-1-5741.

315960 315955

55 gal

275 gal



312755	312705	312700
52 gal	4.7 gal	2.5 gal

315905

5 gal

315904

1 gal x4

319503



Sani-T-10 *Plus*<sup>®</sup> • pH 7.5 • 0.75-1 oz/4 gal Quat-based sanitizer. No-rinse sanitizing range of 150 ppm to 400 ppm. EPA Reg. No. 10324-117-5741.



Sani-Tyze® •	pH 6.0-8.0 •	Straight	
Food contact surfa	ce sanitizer. Ready	-to-Use. EPA Reg. No.	10324-107-5741.

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**SparCHLOR**<sup>®</sup> • pH 12.5-13.0 • 1-5 oz/gal Liquid chlorinated sanitizer. EPA Reg. No. 5741-20001.

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275 gal	55 gal	30 gal	15 gal	5 gal	1 gal x4
309060	309055	309030	309015	309005	309004

### **SKIN CARE**

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**Lite'n Foamy® E2 Sanitizing Hand Wash** • pH 4.0-6.5 • Straight Foaming, sanitizing hand wash for food services, processing, and handling areas.

333955	333904
55 gal	<b>1 gal</b> x4

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**Lite'n Foamy® E3 Hand Sanitizer** • pH 4.0-6.5 • Straight Foaming hand sanitizer for food services, processing, and handling areas.



334055	334004
55 gal	<b>1 gal</b> x4

### **3-SINK SYSTEM PRODUCTS**



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Blue-Glo<sup>™</sup> • pH 6.5-7.5 • 0.25 oz/gal

Premium pot and pan detergent concentrate quickly breaks up and removes grease and other food soils.

311165	311155	311130	311115	311105	311104	311103
330 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> ×4	<b>12 qt</b> x12



**Golden-Glo™** • pH 7.0-8.0 • 0.25 oz/gal Heavy-duty, lotionized hand dish washing concentrate.

Sani-T-10 *Plus*<sup>®</sup> • pH 7.5 • 0.75-1 oz/4 gal

330 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> ×4	<b>12 qt</b> ×12
300065	300055	300030	300015	300005	300004	300003



Quat-based sanitizer. No-rinse sanitizing range of 150 ppm	n to 400 p	pm. EPA I	Reg. No. <sup>-</sup>	10324-117	'-5741.
	315960	315955	315930	315915	315905

275 gal
315960



SparClean<sup>®</sup> Pot and Pan Detergent • pH 7.5-8.0 • 0.25 oz/gal Manual dish detergent that quickly penetrates and emulsifies baked-on grease and food.

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5 gal	1 gal x4	<b>12 at</b> x12
765605	765604	765603

315904

1 gal x4



SparClean<sup>®</sup> Super Suds • pH 6.5-7.5 • 0.25 oz/gal Liquid manual dish detergent with long-lasting, thick suds. Fortified with aloe to leave hands soft. 💮 🖪 🔞 🗂 😒

55 gal	5 gal	<b>1 gal</b> x4	<b>12 qt</b> x12
764855	764805	764804	764803

## DRAIN MAINTENANCE, WASTEWATER TREATMENT, & ODOR CONTROL



Consume® Drop-in-a-Drain • pH 6.5-8.5 Single-dose natural drain treatment.





Consume<sup>®</sup> LIQ • pH 8.0-9.0 Liquid wastewater treatment.



310265	310255	310230	310215	310205
330 gal	55 gal	30 gal	15 gal	5 gal

Bulk	Packets
310405	310505

320500 336 pk.



Consume® POW • pH N/A Powdered wastewater digester.

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### **EGG WASHING**

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#### Eggs-So-Clean<sup>®</sup> Egg Washing Compound • pH 13.5 • 0.5 oz/gal

Washing compound for egg shell washing.

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312960	312955	312905
275 gal	55 gal	5 gal



Eggs-So-Clean® pH Booster • pH 14.0 • 1 oz/100 gal

25% caustic solution to ensure pH of eggs is complaint with HACCP.

### **FLOOR CLEANERS**



Industrial Pathmaker<sup>®</sup> • pH 11.0-12.0 • 1-12 oz/gal

Low-foam detergent. Industrial strength. 

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008765	008760	008755	008730	008715	008705	008704
330 gal	275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4



Pathmaker<sup>®</sup> • pH 12.1-12.4 • 2-13 oz/gal Concentrated low-suds cleaner designed specifically for use with automatic floor scrubbing equipment.

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330 gal	275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4	
008565	008560	008555	008530	008515	008505	008504	



**SC-200<sup>™</sup>** • pH 13.4-13.9 • 4-12 oz/gal High alkaline, heavy-duty industrial cleaner.



275 gal	55 gal	30 gal	15 gal	5 gal	1 gal x4
220060	220055	220030	220015	220005	220004



**SNB-130**<sup>®</sup> • pH 13.3-13.7 • 1.5-12 oz/gal

Non-butyl, extra-heavy-duty detergent degreaser formulated for use in industrial and institutional facilities.



275 gal	55 gal	30 gal	15 gal	5 gal	<b>1 gal</b> x4
213060	213055	213030	213015	213005	213004

### **SPECIALTY PRODUCTS**

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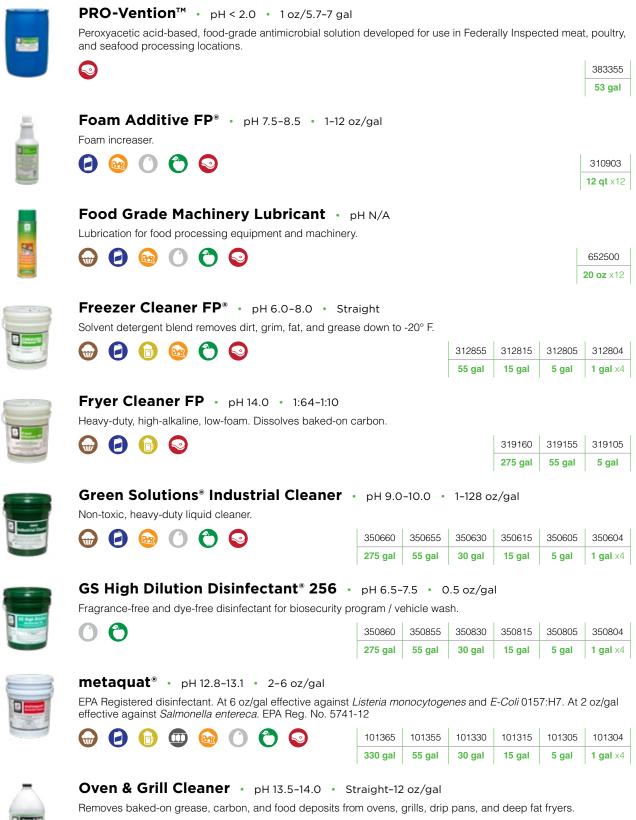
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300430	300415	300404
30 gal	15 gal	<b>1 gal</b> x4

### **DISPENSERS & DILUTION CONTROL**



#### **UB Selecto** • #920600

Multi-purpose sprayer and foamer. The UB Selecto comes with a 50 ft, 1/2 diameter hose and a foam/ spray wand. Rugged, machined polypropylene. Choose from spray or foam applications remotely. Foam clean, rinse, and sanitize using two different chemicals.



#### **ChemSelect**<sup>®</sup> • #908000

Wash/Rinse/Sanitize Dispenser for use in meat rooms, food processing and industrial applications.



#### Foam-It<sup>®</sup> 20 • #991700

20 gallon portable foam cleaning system applies thick, clinging foam solution to vertical and horizontal surfaces. Equipped with 30 feet of 3/4 inch discharge foam hose. Weighs only 56 lbs and is easy to operate.



#### Foam Gun Model #481 • #997300

This portable foam gun is an excellent application tool for cleaners, degreasers, and sanitizers. No guesswork for proper dilutions, color-coded metering tips provide a sure concentration, so no product is wasted.



#### SpartaSprayer 3.0 • #997502

The SpartaSprayer 3.0 is a compact, manual pump-up sprayer with maximum portability for small jobs and spot cleaning. A comfortable grip handle with trigger provides quick on/off control. The 1.5 liter tank features Viton seals for chemical compatibility and easy visibility of product levels.



#### SinkMaster • #904700

Stainless 3-sink system that dispenses detergent and sanitizer.



#### Push 3 Sink System • #905900

Dispenses 1 oz per push.



#### Auto Drain

Accurately and automatically dispense Consume® LIQ for economical drain and grease trap treatment.

- AC: #920600
- Battery: #920600



#### Lite'n Foamy<sup>®</sup> Dispensers

For use with Lite'n Foamy hand soaps. 1000 ml removable reservoir is easy to clean and refill.

- Push Dispenser: #975600 (White), #975700 (Black)
- Touch-Free Dispenser: #977200 (White), #977300 (Black)

#### **Other Dispensing Units**

Doorway sanitizing units help to provide a barrier to limit contaminants in processing plants. Heavyduty foam units help clean efficiently and effectively. Contact your Spartan Regional Manager for more information about these or any other dispenser needs you may have.



### **TRAINING MATERIALS & SANITATION TOOLS**



Chemical Safety Chart • #985100

Bilingual 16.5" x 24.25" laminated chart provides safety information for using acid alkaline, and chlorine-based products.



#### Food Service Cleaning & Sanitizing Schedule - #989300

Bilingual 23" x 23" laminated wall chart.



#### **Daily Meat Room & Poultry Sanitizing Schedule** • #989400 Bilingual 17" x 23" laminated wall chart.



#### **3-Sink System Procedures Chart**

Proper procedures for using a 3 Sink System.

- Blue-Glo: #969300
- Pot & Pan Detergent: #969700
- SparClean® Super Suds: #987900



#### PAA Sanitizer Fruit and Vegetable Wash Chart • #970500

Continuous Spray and Submerge procedures for using PAA Sanitizer for fruit and vegetable wash.



### ChemSelect Procedures Chart • #914400

Procedures for using ChemSelect.



#### Cutting Board/Table Cleaning Procedures Chart • #914500

Procedures for cleaning cutting boards/tables using ChemSelect.



Wash Hands Sticker • #968300



Hand Washing Procedures Chart • #996700



#### **3-Sink Fill Line Stickers**

- Wash (Super Suds): #918200
- Wash (Pot & Pan Detergent): #918201
- Rinse: #918202
   Sanitize (Sani-T-10\* *Plus*): #918203
- Sanitize (Sani-1-10° *Plus*): #9182 • Water: #987800
- Wash (Blue-Glo): #918204



### 3-Sink System Sanitation Schedules

Four frequency of cleaning sanitation schedules for the grocery industry.

- Set of 4: #925305
- Deli/Bakery: #925301
- Produce: #925302
- Seafood: #925303
- Meat: #925304



#### Food Processing Training Cards • #470000

Color-coded, bilingual cards simplify training and address standardization and safety issues. Heavy-duty laminate provides durability and resistance to acid and caustic products. Easy to read and follow.



#### Quat Disinfectant Test

Strips • #994900

Test dilution with all Spartan quatbased disinfectants (200–1500 PPM).



#### **Quat Sanitizer Test Strips** • #983800

Test dilution with all Spartan quatbased sanitizers (50–400 PPM).



#### Insta-Test Strips • #993800

Provides in-use PPM of peracetic acid solution (10–160 PPM).



pH Papers/Spectral 1-14 • #995300

Determines pH of cleaning solution.



### Chlorine Test Papers #984900

Provides in-use PPM of chlorine sanitizing solution (10–200 PPM).



#### High Range QAC Test Kit • #994901

Tests QAC using the Direct Reading Titrator method (0–1000 PPM, 0–5000 PPM with dilution).

## **FOOD PROCESSING AT A GLANCE**

#### Foaming Caustic/Alkaline

- O Chlorinated Degreaser (3080)
- Chlorinated Plus® (3074)
- O DFP-32® (3008)
- Foaming Caustic Cleaner FP<sup>®</sup> (3179)
- Inspector's Choice® (3045)

#### Low-Foam Caustic/Alkaline

- O Caustic Cleaner FP (3189)
- High Performance Alkaline FP® (3126)
- O LFC® (3075)

#### **Acid Cleaners**

- Acid Blend FP® (3124)
- High Acid Cleaner FP® (3082)
- High Acid Cleaner FP<sup>®</sup> Phosphate Free (3095)
- Foaming Acid Cleaner FP® (3081)

#### **General Purpose**

- Tough on Grease<sup>®</sup> (2034)
- O Peroxy Protein Remover, Cleaner & Whitener (3821)

#### **Hard Surface Sanitizers**

- O Acid Sanitizer FP® (3154)
- O PAA Sanitizer (3127)
- Sani-T-10 Plus® (3159)
- Sani-Tyze® (3195)
- SparCHLOR® (3090)

#### **Skin Care**

- O Lite'n Foamy® E2 Sanitizing Hand Wash (3339)
- O Lite'n Foamy® E3 Hand Sanitizer (3340)

#### **3-Sink System Products**

- O Blue-Glo<sup>™</sup> (3111)
- Golden-Glo<sup>™</sup> (3000)
- Sani-T-10 *Plus*<sup>®</sup> (3159)
- SparClean<sup>®</sup> Pot and Pan Detergent (7656)
- SparClean<sup>®</sup> Super Suds (7648)

#### Drain Maintenance, Wastewater Treatment, & Odor Control

- O Consume® Drop-in-a-Drain (3205)
- Consume® LIQ (3102)
- O Consume® POW (3104)

#### Egg Washing

- O Eggs-So-Clean® Egg Washing Compound (3129)
- Eggs-So-Clean® pH Booster (3125)

#### **Floor Cleaners**

- Industrial Pathmaker® (0087)
- Pathmaker<sup>®</sup> (0085)
- O SC-200<sup>™</sup> (2200)
- SNB-130<sup>®</sup> (2130)

#### **Specialty Products**

- PRO-Vention<sup>™</sup> (3833)
- Foam Additive FP® (3109)
- O Food Grade Machinery Lubricant (6525)
- Freezer Cleaner FP® (3128)
- Fryer Cleaner FP (3191)
- Green Solutions® Industrial Cleaner (3506)
- O GS High Dilution Disinfectant® 256 (3508)
- metaquat® (1013)
- Oven & Grill Cleaner (3004)
- Tough on Grease® (2034)



Distributed by



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

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.