



# Boost Tread Defense™ QF

**PRODUCT DESCRIPTION** Boost Tread Defense™ QF is a dry non-food contact surface sanitizer specifically designed to improve sanitation on hard, nonporous surfaces where conditions favor microorganism growth and cause sanitation concern. Boost Tread Defense QF aids in environmental control in low moisture or dry processing plants.

**BENEFITS** **Saves Money**

- ▲ Concentrated powdered product.
- ▲ Waste-water friendly.

**Convenient and Safe for Use**

- ▲ Easily applied to floors during production and provides activity as long as the product is visible on the surface.
- ▲ The blue color helps to easily distinguish the product from most food ingredients.
- ▲ Low dust formulation permits broadcast application.
- ▲ Readily rinses away into floor drains.

**Promotes Quality Assurance**

- ▲ Enhances food safety when used with a complete Ecolab product and service program. See directions for use on the product label for a list of organisms.
- ▲ Controls microbial growth where condensation forms.
- ▲ Clings to the surface of footwear and wheels.
- ▲ Approved for inclusion in food safety plans.

**PROPERTIES**

Form.....	powder
Color.....	light blue
Odor .....	odorless
pH (100% Solution): .....	9.0 - 10.0 (1%)
<b>ACTIVE INGREDIENTS:</b>	
Sodium Carbonate Peroxyhydrate.....	6.38%
Tetraacetylenethylenediamine.....	3.55%
<b>OTHER INGREDIENTS:</b> .....	90.07%
<b>TOTAL:</b> .....	100.00%

EPA Reg. No. 63761-11-1677

Formula ingredients contain no phosphorus.

# Boost Tread Defense™ QF

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### **SANITIZING OF HARD, NON-POROUS, INANIMATE, NON-FOOD CONTACT SURFACES**

Dry product not for direct application to food contact surfaces and equipment. Boost Tread Defense QF eliminates 99.9% of the following bacteria in 5 minutes on hard, non-porous, inanimate, non-food contact surfaces according to the Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: *Klebsiella aerogenes*, *Staphylococcus aureus*, *Escherichia coli*, *Listeria monocytogenes*, *Salmonella enterica* (Salmonella), *Salmonella enterica* serovar *Enteritidis*, *Cronobacter sakazakii*, *Campylobacter jejuni*.

### **APPLICATION INSTRUCTIONS FOR USE AS A FLOOR SURFACE, BOOT SANITIZER**

After cleaning and sanitizing equipment, sprinkle Boost Tread Defense QF evenly to the floor or doorway surface at a minimum use rate of 2.0 oz (57 grams) per 100 square feet. Re-apply powder as needed to ensure the concentration maintains a minimum use rate of 2.0 oz (57 grams) per 100 square feet of floor surface. If moisture amount exceeds 0.97 fl. oz. per square foot, the minimum spread rate of Boost Tread Defense QF must increase to support a minimum concentration of 2.8 oz. Boost Tread Defense QF per gallon of water.

### **APPLICATION INSTRUCTIONS FOR USE AS A SANITIZER IN A FLOOR MAT, FOOT PAN**

Apply Boost Tread Defense QF evenly to the foot pan, floor mat, or containment device. Ensure complete coverage of the bottom of the floor mat, foot pan, or containment device at a minimum use rate of 2.0 oz (57 grams) per 100 square feet. Re-apply powder as needed to ensure the concentration maintains a minimum use rate of 2.0 oz. (57 grams) per 100 square feet of surface containing no more than fl. oz. (29 ml) of moisture per square foot. If moisture amount exceeds 0.97 fl. oz. per square foot, the minimum spread rate of Boost Tread Defense QF must increase to support a minimum concentration of 2.8 oz. Boost Tread Defense QF per gallon of water.

### **APPLICATION INSTRUCTIONS FOR USE IN HIGH TRAFFIC AREAS/ FORK LIFT ROUTES**

After cleaning and sanitizing equipment, sprinkle Boost Tread Defense QF evenly to the floor surface of high traffic areas, fork lift route, doorway at a minimum use rate of 2.0 oz (57 grams) per 100 square feet. Re-apply powder as needed to ensure the concentration maintains a minimum use rate of 2.0 oz (57 grams) per 100 square feet of floor surface. If moisture amount exceeds 0.97 fl. oz. per square foot, the minimum spread rate of Boost Tread Defense QF must increase to support a minimum concentration of 2.8 oz. Boost Tread Defense QF per gallon of water.

### **APPLICATION INSTRUCTIONS FOR USE IN AND AROUND DRAINS**

After cleaning and sanitizing equipment, apply Boost Tread Defense QF evenly to the drain surface at a minimum use rate of 2.0 oz (57 grams) per 100 square feet. Re-apply powder as needed to ensure the concentration maintains a minimum use rate of 2.0 oz (57 grams) per 100 square feet of floor surface. If moisture amount exceeds 0.97 fl. oz. per square foot, the minimum spread rate of Boost Tread Defense QF must increase to support a minimum concentration of 2.8 oz. Boost Tread Defense QF per gallon of water.

### **GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-POROUS SURFACES**

Boost Tread Defense QF is a broad spectrum disinfectant when applied at a rate of 13.4 oz - 17.4 oz Boost Tread Defense QF per gallon of water (100 - 130 grams Boost Tread Defense QF per liter of water) (or equivalent use dilution). Boost Tread Defense QF was tested according to the AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water and 5% soil contamination on the following organisms: *Pseudomonas aeruginosa* (*Pseudomonas*), *Staphylococcus aureus* (*Staph*), *Salmonella enterica* (*Salmonella*).

#### APPLICATION INSTRUCTIONS

Remove visible soil from all areas, articles, and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix of 13.4 oz - 17.4 oz Boost Tread Defense QF per gallon of water (100 - 130 grams Boost Tread Defense QF per liter of water). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, or spraying with a coarse trigger sprayer, sponging, pumping it through the system, drawing it through the system or mopping. Allow surfaces to remain visibly wet for at least 10 minutes. Do not breathe spray. Rinse all food contact surfaces thoroughly with a potable water rinse.

#### VIRUSES

Boost Tread Defense QF is effective against the following viruses on hard, non-porous surfaces at a rate of 1.66 - 2.08 lbs per gallon of water (200 - 250 grams per liter of water), with a 90 second contact time in the presence of 400 ppm hard water: Avian influenza A (H5N1), Porcine Epidemic Diarrhea Virus, Feline calicivirus.

#### APPLICATION INSTRUCTIONS

Remove visible soil from all areas, articles, and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix of 1.66 lb - 2.08 lb Boost Tread Defense QF per gallon of water (200 - 250 grams Boost Tread Defense QF per liter of water). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, or spraying with a coarse trigger sprayer, sponging, pumping it through the system, drawing it through the system or mopping. Allow surfaces to remain visibly wet for at least 1 minute and 30 seconds. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse.

For cautionary and first aid information, consult the Safety Data Sheet (SDS) 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 is available from your Ecolab representative.