



## E2 HAND WASH & SANITIZER

### PRODUCT DESCRIPTION:

Lite'n Foamy E2 HAND WASH & SANITIZER is a Chloroxyleneol-based foaming skin cleanser formulated to reduce potential disease causing bacteria and prevent cross contamination by hand contact. This foaming hand wash is specially formulated for use in food processing, food handling and food service areas. This mild formula is fortified with 1.49% Chloroxyleneol and has superb foaming characteristics.

### EFFECTIVENESS:

Lite'n Foamy E2 HAND WASH & SANITIZER helps prevent the spread of germs and cross infection, which is extremely important in food contact and health care industries. To impede the spread of bacteria, this sanitizing formula includes a powerful, germ-fighting ingredient. A Letter of Guaranty is available upon request. Lite'n Foamy E2 HAND WASH & SANITIZER has been tested against *Staphylococcus aureus* and *Salmonella typhi* according to the "AOAC Chlorine (Available) in Disinfectants-Germicidal Equivalent Concentration" test and has been shown to be equal or better than 50 ppm available chlorine. Using an in-vitro time-kill method, Lite'n Foamy E2 HAND WASH & SANITIZER was tested and shown effective against the following microorganisms:

Microorganism	Exposure Time	Percent Reduction
<i>Escherichia coli</i> ATCC #11229	1 minute	99.9999%
<i>Klebsiella pneumoniae</i> ATCC #10031	1 minute	99.9999%
<i>Listeria monocytogenes</i> ATCC #7644	1 minute	99.9993%
<i>Salmonella typhi</i> ATCC #6539	1 minute	99.9991%
<i>Staphylococcus aureus</i> ATCC #6538	1 minute	99.9952%
<i>Staphylococcus aureus</i> (VISA-Clinical Isolate)	1 minute	99.9982%

**NEUTRAL pH:**

Lite'n Foamy E2 HAND WASH & SANITIZER has a neutral pH of 6.5 to 7.0. Normal skin has a pH of 5. Due to the necessity of frequent hand washings, it's important to rinse hands thoroughly after using Foamy E2 HAND WASH & SANITIZER and to dry hands completely. These simple practices will assist in keeping hands from abnormal drying or chapping.

**ECONOMICAL:**

Food industry workers have special hand care needs. To assist in safe food handling and reduce the possibility of bacterial contamination, they are required to wash their hands frequently. When used with Spartan's Lite'n Foamy Dispenser, just 900 mls or 30 oz. of E2 HAND WASH & SANITIZER produces 1800 hand washes at less than .002 cents per hand wash.

**RECOMMENDED AREAS FOR USE:**

Food Processing Plants	Cafeterias
Meat and Poultry Plants	Hospitals
Catering Facilities	Laboratories
Restaurants	Manufacturing Facilities

**DIRECTIONS FOR USE:****USE ONLY WITH FOAM SOAP DISPENSERS:**

1. Wet hands and forearms with water.
2. Apply cleaner to palm of hand.
3. Lather and scrub hands (including fingers, wrists and cuticles) vigorously for 60 seconds.
4. Rinse hands with water until all cleaner is removed from hands.
5. Dry completely (incomplete drying may lead to chapped skin).

This product must be dispensed from an adequate dispenser located a sufficient distance from processing line to prevent accidental product contamination. Do not contaminate water, food or feed by storage and disposal.

**SPECIFICATION DATA:**

**Contains:** Chloroxylenol (PCMX)... 1.49%

Specific Gravity – 1.020 @ 24°C/75°F

pH – 6.5 - 7.0

Viscosity - <1,000 cps @ 24°C/75°F

Density – 8.51 lbs/gallon

Color – Amber

Flash Point – None

Stability

- a. Shelf @ 24°C/75°F – Two years
- b. Accelerated @ 24°C/75°F – 60 days minimum
- c. Freeze/Thaw – Keep from freezing

Rinsability - Excellent

Fragrance – Mild

Phosphate free

**PACKAGING:**

Lite'n Foamy E2 HAND WASH & SANITIZER is packaged in HDPE (High Density Polyethylene) 55-gallon drums and standard gallons, four per case. Label copy is available in English and Spanish. Secondary Labels are also available.

**FREE MARKETING STICKER:**

Order copies of the Spartan "Wash Hands" reminder sticker. These FREE, self adhesive, laminated stickers are a great reminder for personnel to wash their hands, and help facilities comply with local and state health ordinances. Stickers are most effective when placed in restroom stalls, above urinals, on exit doors and above sinks.



**Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting [www.spartanchemical.com](http://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.