E2 HAND WASH & SANITIZER

PRODUCT DESCRIPTION:
E2 HAND WASH & SANITIZER is a Chloroxylenol-based skin cleanser formulated to reduce potential disease causing bacteria and prevent cross contamination by hand contact. Specially formulated for use in food processing, food handling and food service areas, this mild formula is fortified with 1.49% Chloroxylenol and has superb lathering characteristics.

EFFECTIVENESS:
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. This product is identical to a formula previously authorized by USDA as an E2 Hand Sanitizer.

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, E2 HAND WASH & SANITIZER was tested and shown effective against the following microorganisms:

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

GENTLE ON SKIN:
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. This often results in dry, chapped hands. E2 HAND WASH & SANITIZER contains detergents that are mild on the skin, to allow for non-chapped hands after many hand washings.

RECOMMENDED AREAS FOR USE:
- Food Processing Plants
- Meat and Poultry Plants
- Catering Facilities
- Restaurants
- Cafeterias
- Hospitals
- Laboratories
- Manufacturing Facilities

DIRECTIONS FOR USE:
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 @ 24ºC/75ºF
pH – 6.5 - 7.0
Viscosity - <1,000 cps @ 24ºC/75ºF
Density – 8.51 lbs/gallon
Color – Amber
Flash Point – None
Stability
a. Shelf @ 24ºC/75ºF – Two years
b. Accelerated @ 24ºC/75ºF – 60 days minimum
c. Freeze/Thaw – Keep from freezing
Rinsability - Excellent
Fragrance – Mild
Phosphate free

PACKAGING:
E2 HAND WASH & SANITIZER is packaged in HDPE (High Density Polyethylene) 55-gallon drums; standard gallons, four per case; and flat-top gallons, four per case. E2 HAND WASH & SANITIZER is also available in 1000 ml bag-in-box cartridges, 12 per case. Label copy is available in English and Spanish. Secondary Labels are also available.

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 Spartan distributor or by visiting www.spartanchemical.com.

GUARANTEE:
Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of chemical product, any unused portion may be returned for credit within one year of the date of manufacture.

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