



Antimicrobial Hand Cleaner

## DESCRIPTION

***Emerald Green*** - the broad spectrum de-germing agent that kills transient skin micro-organisms in mere seconds! ***Emerald Green*** is a moderate foaming hand soap with a fresh smell that leaves your hands clean and soft.

Designed especially for the Health Care / Institutional industries with 0.8% Chloroxylenol (PCMX), trust ***Emerald Green*** to provide exceptional results at a very realistic cost. All the anti-microbial power you would expect, without irritation.

***Emerald Green*** is formulated with surfactants that won't plug dispensers and is recommended and for use in the washrooms of schools, restaurants and other public buildings.

## DIRECTIONS

Wet hands and apply a small quantity of ***Emerald Green***. Rub briskly to work into palms and fingers. Rinse thoroughly with clean water.

## PHYSICAL DATA

Appearance	Moderately thick liquid
Color	Clear, dark green
Foam	Quick lather
Odor	Clean floral
pH	7.0 - 8.0

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **EMERALD GREEN**

WHMIS CODE: Not Regulated by WHMIS

Product Use: *Anti-microbial hand soap.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

### HMIS

1	Health
0	Flammability
0	Reactivity
X	Personal

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

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### EMERGENCY PHONE

Canada: Canutec 613-996-6666

U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>RANGE %</u>	<u>PEL</u>	<u>TLV</u>
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NO HAZARDOUS MATERIALS.

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Clear green, floral scent.

**Boiling Point:** N/D

**Vapor Pressure (mm HG):** N/D

**pH:** 6.0 – 8.0

**Physical State:** Liquid.

**Melting Point:** N/A

**Vapor Density:** N/D

**Specific Gravity:** 1.012 @ 20°C

**Coef. Water/Oil Dist:** Greater than 1.0

**Evaporation Rate:** N/D

**Solubility in Water:** Soluble

**Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)

**Sensitivity to Mechanical Impact:** None.

**Extinguishing Media:** Not flammable.

**Flammable Limits:** None known.

**Sensitivity to Static Discharge:** None.

**Auto ignition Temperature:** None known.

**Unusual Fire and Explosion Hazards:** None.

**Conditions of Flammability:** None.

**Hazardous Combustion Products:** Carbon and sulfur oxides.

**Special Fire Fighting:** Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.

**Hazardous Polymerization:** Will not occur.

**Incompatibility (material to avoid):** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon and sulfur oxides liberated upon thermal decomposition.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient.

**Routes of Entry:** Skin and eye contact.

**Irritancy of Product:** May be irritating to eyes.

**Carcinogenicity:** None known.

**Sensitization:** None known.

**Mutagenicity:** None known.

**Name of Toxicological Synergistic Product:** None known.

**Reproductive Toxicity:** None known.

**Effects of Chronic Exposure:** None known.

**Teratogenicity:** None known.

**Effects of Acute Exposure to Product:** Product does not show any significant acute health hazards according to available data.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Not required for normal use of product.

**Ventilation:** Not required for normal use of product.

**Protective Gloves:** Not required for normal use of product.

**Eye Protection:** Normally not required. However, Chemical goggles or safety glasses when eye contact may occur.

**Protective Clothing and Equipment:** Eyes wash recommended in the immediate work area.

**Storage and Handling Procedures:** Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.

**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.

**Waste Disposal Method:** Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

**Special Shipping Information:** Stored at temperature below 30°C. Keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

### First Aid:

If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

PHONE: 604-526-5655

LAST UPDATE: 07/04/11

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE