



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: D2B

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

Maxim Technologies Inc.  
1607 Derwent Way  
Delta, BC V3M 6K8, Canada  
Phone: (604) 526-5655

### 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>
<b>CHLOROXYLENOL / PCMX</b>	88-04-0	<1.0	400 PPM	400 PPM
LD50 (oral rat)	3,830 mg/kg			
LD50 (dermal)	>200 - <2000 mg/kg (rat)			

## SECTION 3 – PHYSICAL DATA

<b>Color and Odor:</b> Clear green, floral scent.	<b>Boiling Point:</b> N/D	<b>Vapor Pressure (mm HG):</b> N/D	<b>pH:</b> 6.0 – 8.0
<b>Physical State:</b> Liquid.	<b>Melting Point:</b> N/A	<b>Vapor Density:</b> N/D	<b>Specific Gravity:</b> 1.012 @ 20°C
<b>Coef. Water/Oil Dist:</b> Greater than 1.0	<b>Evaporation Rate:</b> N/D	<b>Solubility in Water:</b> Soluble	<b>Odor Threshold:</b> 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: Dec. 11, 2014

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