

**The Clorox Company**1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000**Material Safety
Data Sheet****I Product:** PRO 409 ANTIBACTERIAL**Description:** CLEAR GREEN LIQUID

Other Designations	Distributor	Emergency Telephone Nos.
EPA Registration Number 5813-55	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data

Eye irritant. Direct or prolonged skin contact may result in irritation. Avoid contact with food.

Overexposure to this product may cause the Worker Exposure Limit of 2-butoxyethanol to be exceeded. 2-butoxyethanol has been shown to cause red blood cell hemolysis in laboratory animals and secondary injury to the kidney and liver. However, humans appear to be resistant to this effect.

No known medical conditions are known to be aggravated by exposure to this product.

FIRST AID:**EYES:** Flush eyes with water for at least 15 minutes. Call physician if irritation occurs.**SKIN CONTACT:** Rinse skin with water. If irritation develops contact a physician.**INGESTION:** Drink a glassful of water to dilute. Call a physician.**INHALATION:** Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.**III Hazardous Ingredients**

Ingredients	Concentration	Worker Exposure Limit
Alkyl (C ¹² 40%; C ₁₄ 50% C ₁₆ 10%) dimethyl benzyl ammonium chloride CAS #68424-85-1	0.3%	Not Established
Ethylene Glycol Monobutyl Ether CAS #111-76-2	3-8%	25 ppm TLV-TWA 25 ppm PEL
Potassium carbonate CAS#584-08-7	1-3%	Not Established

Note that 2-butoxyethanol can be absorbed through the skin and may contribute to overall exposure.

None of the ingredients in this product is on the IARC, NTP or OSHA carcinogen lists.

TLV-TWA - Threshold Limit Value - Time Weighted Average.
Source: ACGIH 1995-1996.

PEL - Permissible Exposure Limit. Source: OSHA

IV Special Protection and Precautions

The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large-scale, or prolonged exposure:

Hygienic Practices: Wash hands after direct contact.**Engineering Controls:** Use general ventilation to minimize exposure to mist.**Work Practices:** Wear safety glasses and gloves. Do not inhale vapor or mist.**V Transportation and Regulatory Data****DOT:** Not restricted per 49 CFR 173.120(a)(3) and Appendix H.**IMO:** Not restricted per IMDG Code Page 0016 Paragraph 5.1.3.1.1**IATA:** Not restricted per IATA D.G.R. Sections 3.3.1.2 and 3.3.5**TSCA Status:** All components of this product are on the TSCA Inventory.**EPA - SARA Title III/CERCLA:** Bottled product is not reportable under Sections 311/312; contains no chemicals regulated under Section 313; and contains glycol ethers < 8% which is regulated under Section 304/CERCLA.**VI Spill Procedures/Waste Disposal****Spill Procedures:** Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.**Waste Disposal:** Dispose of in accordance with all applicable federal, state, and local regulations.**VII Reactivity Data**

Stable under normal use and storage conditions.

VIII Fire and Explosion Data**Flash Point:** 128°**Fire Extinguishing Agents:** , Dry Chemical, carbon dioxide (CO₂), foam, or water spray.**IX Physical Data**pH..... ~11.3
Specific Gravity..... 1.01 @ 25C
Solubility in Water..... Soluble