

Material Safety Data Sheet

I Product:		FORMULA 409® ANTIBACTERIAL ALL PURPOSE CLEANER	
Description:		GREEN LIQUID	
Other Designations	Distributor	Emergency Telephone Nos.	
5813-73	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrec (800) 424-9300	
II Health Hazard Data		III Hazardous Ingredients	
EYE IRRITANT. Avoid eye and prolonged skin contact. Do not ingest.		<u>Ingredients</u> <u>Concentration</u> <u>Worker Exposure Limit</u>	
FIRST AID:		n-Alkyl (C12-16) Dimethylbenzyl Ammonium Chloride CAS #68424-85-10.3-0.6%None Established	
EYE CONTACT: Immediately flush eyes with plenty of water. If irritation persists, see a doctor.		n-Propoxypropanol CAS # 1569-01-30.5 - 2%None Established	
SKIN CONTACT: Wash with water. Seek medical attention if irritation develops or persists.		Monoethanolamine CAS #141-43-50.5 – 1.5%3 ppm - TLV-TWA ^a 3 ppm - PEL ^b 6 ppm - TLV-STEL ^c	
INGESTION: Drink a glassful of water. Call a physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.		^a TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average	
INHALATION: If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.		^b PEL = OSHA Permissible Exposure Limit - Time Weighted Average	
		^c TLV-STEL = ACGIH Threshold Limit Value - Short Term Exposure Limit	
		None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.	
IV Special Protection and Precautions		V Transportation and Regulatory Data	
Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.		DOT/IATA/IMDG: Not restricted.	
Engineering Controls: Use general ventilation to minimize exposure to product vapor or mist.		EPA - SARA Title III/CERCLA: Packaged product is not reportable under Sections 311/312;; and contains no chemicals which are regulated under Section 304 or 313/CERCLA.	
Personal Protective Equipment: Wear safety glasses. Wear gloves for repeated or prolonged skin contact.		TSCA Status: All components of this product are on the TSCA Inventory.	
VI Spill Procedures/Waste Disposal		VII Reactivity Data	
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.		Stable under normal use and storage conditions.	
Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.		Conditions to avoid: Oxidizers.	
VIII Fire and Explosion Data		IX Physical Data	
Flash Point: >200 °F		pH.....10.5	
Fire Extinguishing Agents: Foam, Dry Chemical, Water, CO ₂		Solubility in Water..... complete	
Products of Combustion: Thermal decomposition or burning may produce toxic vapors or gases, including oxides of carbon and nitrogen.		Specific Gravity (H ₂ O=1)~1.0	