



The Clorox Company
1221 Broadway
Oakland, CA 94612
Tel. 1-510-271-7000

Material Safety Data Sheet

I Product: FORMULA 409® ANTIBACTERIAL ALL-PURPOSE CLEANER											
Description: CLEAR, GREEN, THIN LIQUID WITH A FLORAL, CITRUS ODOR											
Other Designations	Distributor	Emergency Telephone Nos.									
EPA Reg. No. 5813-73	The Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call 1-800-446-1014. For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).									
II Health Hazard Data		III Hazardous Ingredients									
Causes moderate eye irritation. No medical conditions are known to be aggravated by exposure to this product. <u>FIRST AID:</u> <u>EYE CONTACT:</u> Hold eye open and rinse with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, call a doctor. <u>SKIN CONTACT:</u> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, call a doctor. <u>INGESTION:</u> Call a poison control center or doctor immediately for treatment advice. Have person sip a glassful of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. <u>INHALATION:</u> Move person to fresh air. If breathing problems develop, call a doctor.		<table border="1"><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride CAS # 68424-85-1</td><td>0.2 - 0.4%</td><td>Not established.</td></tr><tr><td>Lauramine oxide CAS # 1643-20-5</td><td>0.5 - 1.5%</td><td>Not established.</td></tr></tbody></table> None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.	Ingredient	Concentration	Worker Exposure Limit	Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chloride CAS # 68424-85-1	0.2 - 0.4%	Not established.	Lauramine oxide CAS # 1643-20-5	0.5 - 1.5%	Not established.
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IV Special Protection and Precautions		V Transportation and Regulatory Data									
<u>Hygienic Practices:</u> Wash thoroughly with soap and water after handling. <u>Engineering Controls:</u> Use general ventilation to minimize exposure to product mist. <u>Personal Protective Equipment:</u> Wear safety glasses. Wear rubber or neoprene gloves for sensitive skin or if there is the potential for repeated or prolonged skin contact. Avoid contact with foods.		<u>DOT/IATA/IMDG:</u> Not restricted. <u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 and contains potassium hydroxide (CAS # 1310-58-3, <0.1%) that is regulated under Section 304/CERCLA. <u>TSCA 8(b):</u> All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing. <u>TSCA 12(b):</u> This product is not subject to TSCA 12(b) reporting requirements.									
VI Spill Procedures/Waste Disposal		VII Reactivity Data									
<u>Spill Procedures:</u> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material. <u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.		Stable under normal use and storage conditions.									
VIII Fire and Explosion Data		IX Physical Data									
<u>Flash Point:</u> >93°C (closed cup). <u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO ₂), foam, or water spray.		pH..... 9 - 11.5 Specific gravity..... ~1.0 Solubility in water..... Soluble									

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