



**The Clorox Company**  
 1221 Broadway  
 Oakland, CA 94612  
 Tel. (510) 271-7000

# Material Safety Data Sheet

**I Product:** FORMULA 409® DAILY KITCHEN CLEANER

**Description:** GREEN LIQUID WITH A SOLVENT ODOR

Other Designations	Distributor	Emergency Telephone Nos.
	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
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<p><u>CAUTION:</u> EYE IRRITANT. Avoid eye and prolonged skin contact. Do Not ingest.</p> <p><u>FIRST AID:</u></p> <p><u>EYE CONTACT:</u> Immediately flush eyes with plenty of water. If irritation persists, see a doctor.</p> <p><u>SKIN CONTACT:</u> Wash with water. Seek medical attention if irritation develops or persists.</p> <p><u>INGESTION:</u> Drink a glassful of water. Call a physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.</p> <p><u>INHALATION:</u> If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.</p> <p><b>KEEP OUT OF REACH OF CHILDREN</b></p>	<table border="1"> <thead> <tr> <th>Ingredients</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Ethylene Glycol</td> <td>0.5-5%</td> <td>25 ppm TLV-TWA</td> </tr> <tr> <td>Monobutyl Ether</td> <td></td> <td>25 ppm PEL</td> </tr> <tr> <td>CAS # 111-76-2</td> <td></td> <td></td> </tr> </tbody> </table> <p>Substance can be absorbed through the skin and may contribute to overall exposure.</p> <p>None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.</p> <p>TLV - TWA - Threshold Limit Value - Time Weighted Average. Source: ACGIH 1985-86.</p> <p>PEL - Permissible Exposure Limit. Source: OSHA</p>	Ingredients	Concentration	Worker Exposure Limit	Ethylene Glycol	0.5-5%	25 ppm TLV-TWA	Monobutyl Ether		25 ppm PEL	CAS # 111-76-2		
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Ethylene Glycol	0.5-5%	25 ppm TLV-TWA											
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IV Special Protection and Precautions	V Transportation and Regulatory Data
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<p><u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p><u>Engineering Controls:</u> Use general ventilation to minimize exposure to product vapor or mist.</p> <p><u>Personal Protective Equipment:</u> Wear safety glasses. Wear gloves for repeated or prolonged skin contact.</p>	<p><u>DOT/IATA/IMDG:</u> Not restricted.</p> <p><u>EPA - SARA Title III/CERCLA:</u> This product is not reportable under Sections 311/312; contains chemicals regulated under Section 313 (ethylene oxide = trace, glycol ethers &lt; 5%); and contains chemicals (glycol ethers &lt; 5%, ethylenediaminetetracetic acid &lt; 1.0%, ethylene oxide = trace) which are regulated under Section 304/CERCLA.</p> <p><u>TSCA Status:</u> All components of this product are on the TSCA Inventory</p>
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VI Spill Procedures/Waste Disposal	VII Reactivity Data
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<p><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.</p> <p><u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.</p>	<p>Stable under normal use and storage conditions.</p>
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VIII Fire and Explosion Data	IX Physical Data
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<p><u>Flash Point:</u> &gt;200F</p> <p><u>Fire Extinguishing Agents:</u> Foam, Dry Chemical, Water, CO<sub>2</sub></p>	<p>pH..... 11.4</p> <p>Solubility in Water..... complete</p> <p>Specific Gravity (H<sub>2</sub>O=1) ..... ~1.0</p>
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