



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

# Material Safety Data Sheet

<b>I Product:</b> CLOROX® COMMERCIAL SOLUTIONS® FORMULA 409® HEAVY-DUTY DEGREASER										
<b>Description:</b> CLEAR, GREEN, THIN LIQUID WITH A CITRUS, FLORAL, SOLVENT ODOR										
<b>Other Designations</b>	<b>Distributor</b>									
	Clorox Sales Company 1221 Broadway Oakland, CA 94612									
<b>Emergency Telephone Nos.</b>										
For Medical Emergencies, call 1-800-446-1014. For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).										
<b>II Health Hazard Data</b>	<b>III Hazardous Ingredients</b>									
<p>Eye irritant.</p> <p>No medical conditions are known to be aggravated by exposure to this product.</p> <p><b>FIRST AID:</b></p> <p><b>EYE CONTACT:</b> Rinse immediately with water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes. If irritation persists, call a doctor.</p> <p><b>SKIN CONTACT:</b> Wash skin with water.</p> <p><b>INGESTION:</b> Drink a glassful of water. Call a doctor or poison control center.</p> <p><b>INHALATION:</b> Remove to fresh air. If breathing problems develop, call a doctor.</p>	<table border="1"> <thead> <tr> <th><u>Ingredient</u></th> <th><u>Concentration</u></th> <th><u>Worker Exposure Limit</u></th> </tr> </thead> <tbody> <tr> <td>Propylene glycol n-butyl ether CAS # 5131-66-8</td> <td>0.5 - 2%</td> <td>Not established.</td> </tr> <tr> <td>Sodium dodecyl diphenyl oxide disulfonate CAS # 119345-04-9</td> <td>0.1 - 1%</td> <td>Not established.</td> </tr> </tbody> </table> <p>None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.</p>	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>	Propylene glycol n-butyl ether CAS # 5131-66-8	0.5 - 2%	Not established.	Sodium dodecyl diphenyl oxide disulfonate CAS # 119345-04-9	0.1 - 1%	Not established.
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<b>IV Special Protection and Precautions</b>	<b>V Transportation and Regulatory Data</b>									
<p><b>Hygienic Practices:</b> Wash hands after direct contact.</p> <p><b>Engineering Controls:</b> Use general ventilation to minimize exposure to product mist.</p> <p><b>Personal Protective Equipment:</b> Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.</p>	<p><b>DOT/IATA/IMDG:</b> Not restricted.</p> <p><b>TSCA Status:</b> All components of this product are on the TSCA inventory.</p> <p><b>EPA - SARA Title III/CERCLA:</b> 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, &lt;0.1%) that is regulated under Section 304/CERCLA.</p>									
<b>VI Spill Procedures/Waste Disposal</b>	<b>VII Reactivity Data</b>									
<p><b>Spill Procedures:</b> 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><b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state, and local regulations.</p>	<p>Stable under normal use and storage conditions.</p>									
<b>VIII Fire and Explosion Data</b>	<b>IX Physical Data</b>									
<p><b>Flash Point:</b> &gt;200°F (closed cup)</p> <p><b>Fire Extinguishing Agents:</b> Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, or water spray.</p>	<p>pH..... ~11</p> <p>Specific gravity ..... ~1.0</p> <p>Solubility in water..... Appreciable</p>									