



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

Material Safety Data Sheet

I Product: CLOROX COMMERCIAL SOLUTIONS® FORMULA 409® HEAVY-DUTY DEGREASER											
Description: CLEAR, LIGHT GREEN, THIN LIQUID WITH A LIGHT CITRUS ODOR											
Other Designations	Distributor	Emergency Telephone Nos.									
	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									
Eye irritant. May cause skin irritation. No medical conditions are known to be aggravated by exposure to this product. <u>FIRST AID:</u> <u>EYE CONTACT:</u> Immediately rinse with water for 15 minutes. If irritation persists, call a doctor. <u>SKIN CONTACT:</u> Rinse with plenty of water. If irritation persists, call a doctor. <u>INGESTION:</u> Drink a glassful of water. Immediately call a doctor or poison control center. <u>INHALATION:</u> Move person to fresh air. If breathing problems develop, call a doctor.		<table><thead><tr><th><u>Ingredient</u></th><th><u>Concentration</u></th><th><u>Worker Exposure Limit</u></th></tr></thead><tbody><tr><td>Lauryldimethylamine oxide CAS # 1643-20-5</td><td>0.1 - 1%</td><td>Not established.</td></tr><tr><td>Monoethanolamine CAS # 141-43-5</td><td>0.1 - 1%</td><td>3 ppm TLV-TWA^a 3 ppm PEL^b</td></tr></tbody></table> <p>^a ACGIH Threshold Limit Value - Time Weighted Average ^b OSHA Permissible Exposure Limit - Time Weighted Average</p> <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>	Lauryldimethylamine oxide CAS # 1643-20-5	0.1 - 1%	Not established.	Monoethanolamine CAS # 141-43-5	0.1 - 1%	3 ppm TLV-TWA ^a 3 ppm PEL ^b
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IV Special Protection and Precautions		V Transportation and Regulatory Data									
<u>Hygienic Practices:</u> Wash hands after direct contact. <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 if there is the potential for repeated or prolonged skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.		<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 or Section 304/CERCLA and contains potassium hydroxide (<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 ~11.5 Specific gravity ~1.0 Solubility in water.....complete									