



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

Material Safety Data Sheet

I Product: INSTITUTIONAL FORMULA 409® GLASS AND SURFACE CLEANER

Description: CLEAR PURPLE LIQUID

Other Designations	Distributor	Emergency Telephone Nos.
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data	III Hazardous Ingredients						
<p><u>EYE IRRITANT:</u> Eye contact may result in temporary conjunctival redness.</p> <p><u>FIRST AID:</u></p> <p><u>EYE CONTACT:</u> flush eyes thoroughly with water.</p> <p><u>SKIN CONTACT:</u> Wash with water.</p> <p><u>INGESTION:</u> Drink a glassful of water. Call a physician.</p> <p><u>INHALATION:</u> If breathing is affected, move to fresh air.</p> <p>No medical conditions are known to be aggravated by exposure to this product. Under normal consumer use conditions the likelihood of any adverse health effects are low.</p>	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Isopropyl Alcohol CAS #67-63-0</td> <td>2 - 9%</td> <td>400 ppm TLV-TWA 500 ppm TLV-STEL 400 ppm PEL</td> </tr> </tbody> </table> <p>TLV-TWA = Threshold Limit Value - Time Weighted Average. TLV-STEL = Threshold Limit Value - Short Term Exposure Limit.</p> <p>Source: ACGIH.</p> <p>PEL = Permissible Exposure Limit.</p>	Ingredient	Concentration	Worker Exposure Limit	Isopropyl Alcohol CAS #67-63-0	2 - 9%	400 ppm TLV-TWA 500 ppm TLV-STEL 400 ppm PEL
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IV Special Protection and Precautions	V Transportation and Regulatory Data
<p><u>Hygienic Practices:</u> Wear safety glasses. With repeated or prolonged use, wear gloves. Wash hands after handling product. Discontinue use if irritation develops.</p> <p><u>Engineering Controls:</u> Use general ventilation to minimize exposure to vapor or mist.</p> <p><u>Work Practices:</u> Minimize skin contact and inhalation of vapor or mist.</p> <p>Note: Do not use on aluminum. On painted surfaces and wall coverings, test a small inconspicuous area before use.</p>	<p><u>U.S.DOT Proper Shipping Name:</u> Not restricted. Bulk Shipments = Combustible Liquid (>120 gallons / container).</p> <p><u>EPA - SARA Title III/CERCLA:</u> Bottled product is not reportable under Sections 311/312; product contains a chemical regulated under Section 313 (ammonia < 0.1%).</p> <p><u>TSCA Status:</u> All components of this product are on the TSCA inventory.</p>

VI Spill Procedures/Waste Disposal	VII Reactivity Data
<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>

VIII Fire and Explosion Data	IX Physical Data
<p>Flashpoint (Closed Cup) = 105°F</p> <p>Product does not ignite when exposed to open flame.</p>	<p>pH 9.5</p> <p>Solubility in water Complete</p> <p>Specific Gravity 1.0</p>