

**Clorox Professional Products Company**

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

**Material Safety
Data Sheet**

I Product: COMMERCIAL SOLUTIONS® CLOROX® BLEACH TOILET BOWL CLEANER-MANUAL														
Description: VISCOUS, GREEN, FRAGRANCED 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 Chemtrec (800) 424-9300												
II Health Hazard Data		III Hazardous Ingredients												
Eye and skin irritant. Some clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g. irritation) occurs during exposure.		<table><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Sodium hypochlorite CAS # 7681-52-9</td><td>< 3%</td><td>Not established.</td></tr><tr><td>Sodium hydroxide CAS # 1310-73-2</td><td>< 1%</td><td>2 mg/m³ - TLV-Ceiling limit^a 2 mg/m³ - PEL^b</td></tr><tr><td>Myristamine oxide CAS # 3332-27-2</td><td>< 2%</td><td>Not established.</td></tr></tbody></table>	Ingredient	Concentration	Worker Exposure Limit	Sodium hypochlorite CAS # 7681-52-9	< 3%	Not established.	Sodium hydroxide CAS # 1310-73-2	< 1%	2 mg/m ³ - TLV-Ceiling limit ^a 2 mg/m ³ - PEL ^b	Myristamine oxide CAS # 3332-27-2	< 2%	Not established.
Ingredient	Concentration	Worker Exposure Limit												
Sodium hypochlorite CAS # 7681-52-9	< 3%	Not established.												
Sodium hydroxide CAS # 1310-73-2	< 1%	2 mg/m ³ - TLV-Ceiling limit ^a 2 mg/m ³ - PEL ^b												
Myristamine oxide CAS # 3332-27-2	< 2%	Not established.												
No medical conditions are known to be aggravated by exposure to this product.		^a TLV-Ceiling limit = ACGIH Threshold Limit Value-Ceiling limit ^b PEL = OSHA Permissible Exposure Limit - Time Weighted Average												
<u>FIRST AID:</u>		None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.												
<u>EYE CONTACT:</u> Immediately rinse with water for 15 minutes. Call a physician.														
<u>SKIN CONTACT:</u> Wash skin with water. If irritation persists, call a physician.														
<u>INGESTION:</u> Drink a glassful of water. Call a physician.														
<u>INHALATION:</u> Remove to fresh air. If irritation or breathing problems persist, call a physician.														
HMIS: H=3, F=0, R=1, PP=B														
HMIS Hazard Scale: 1=slight 2=moderate 3=serious 4=severe														
IV Special Protection and Precautions		V Transportation and Regulatory Data												
<u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.		<u>DOT Proper Shipping Name:</u> Consumer Commodity ORM-D.												
<u>Engineering Controls:</u> Use local exhaust to minimize exposure to product fumes.		<u>IMDG Proper Shipping Name:</u> Dangerous goods in limited quantities of Class 8.												
<u>Personal Protective Equipment:</u> Wear safety glasses. For sensitive skin or if handling product for prolonged or repeated periods, wear nitrile, neoprene, or natural rubber gloves.		<u>IATA Proper Shipping Name:</u> Corrosive liquid, n.o.s., Class 8, Packing Group II.												
		<u>EPA - SARA Title III/CERCLA:</u> This product is regulated under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium hypochlorite (<3%) and sodium hydroxide (<1%) which are regulated under Section 304/CERCLA.												
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.		Stable under normal use and storage conditions.												
<u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.		Reacts with other household chemicals such as acid toilet bowl cleaners, rust removers, acids, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.												
VIII Fire and Explosion Data		IX Physical Data												
Not flammable or explosive.		pH.....~13 Viscosity.....~1000 cP Specific gravity.....~1.0												