

**The Clorox Company**

1221 Broadway
Oakland, CA 94612
Tel. 1-510-271-7000

Material Safety Data Sheet

I Product: CLOROX COMMERCIAL SOLUTIONS® TILEX® DISINFECTS INSTANT MILDEW REMOVER											
Description: CLEAR, PALE YELLOW, THIN LIQUID WITH AN HERBACEOUS, MARINE, BLEACH ODOR											
Other Designations	Distributor	Emergency Telephone Nos.									
EPA Reg. No. 5813-24-67619	The 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. Exposure to vapor or mist may irritate eyes, nose, throat, and lungs. Due to irritating nature, may be harmful if swallowed. The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, emphysema, or obstructive lung disease. FIRST AID: EYE CONTACT: Hold eye open, and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, call a doctor. SKIN CONTACT: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, call a doctor. INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glassful of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible. If breathing is affected, call a doctor.		<table border="1"><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>1 - 5%</td><td>Not established.</td></tr><tr><td>Sodium hydroxide CAS # 1310-73-2</td><td>0.1 - 1%</td><td>2 mg/m³ - TLV-C^a 2 mg/m³ - PEL^b</td></tr></tbody></table> ^aTLV-C = ACGIH Threshold Limit Value - Ceiling ^bPEL = OSHA Permissible Exposure Limit - Time Weighted Average None of the materials in this product are on the IARC, NTP, or OSHA carcinogen lists.	Ingredient	Concentration	Worker Exposure Limit	Sodium hypochlorite CAS # 7681-52-9	1 - 5%	Not established.	Sodium hydroxide CAS # 1310-73-2	0.1 - 1%	2 mg/m ³ - TLV-C ^a 2 mg/m ³ - PEL ^b
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IV Special Protection and Precautions		V Transportation and Regulatory Data									
Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Engineering Controls: Use local exhaust to minimize exposure to product mist. Personal Protective Equipment: 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.		DOT: Not restricted. IMDG: Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII. IATA: Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII. EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 and contains sodium hypochlorite and sodium hydroxide that are regulated under Section 304/CERCLA. TSCA 8(b): All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing. TSCA 12(b): This product is not subject to TSCA 12(b) reporting requirements.									
VI Spill Procedures/Waste Disposal		VII Reactivity Data									
Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed and/or poorly-ventilated areas until hazard assessment is complete. Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.		Stable under normal use and storage conditions. Reacts with other household chemicals such as products containing ammonia, toilet bowl cleaners, rust removers, vinegar, or acids to produce hazardous gases, such as chlorine and other chlorinated compounds. Prolonged contact with metal, old porcelain, or worn plastic laminate may cause pitting or discoloration.									
VIII Fire and Explosion Data		IX Physical Data									
Not flammable or explosive.		pH..... 12.4 - 12.8 Specific gravity.....~1.04 Solubility in waterSoluble									