



Clorox Professional Products Company

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

Material Safety Data Sheet

I Product: COMMERCIAL SOLUTIONS® TILEX® DISINFECTS INSTANT MILDEW REMOVER

Description: CLEAR, FAINT YELLOW LIQUID WITH CHARACTERISTIC BLEACH ODOR

Other Designations	Distributor	Emergency Telephone Nos.
EPA Reg. No. 5813-24-67619	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

Moderate eye irritant. May cause mild to moderate skin irritation. Exposure to vapor or mist may irritate eyes, nose, throat, lungs. Harmful if swallowed. May cause nausea and vomiting 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, chronic bronchitis or obstructive lung disease. Under normal consumer-use conditions, the likelihood of any adverse health effects is low.

Routine clinical tests conducted on intact skin with this product found no sensitization in the test subjects. Occasional clinical reports suggest a low potential for skin sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g., irritation) occurs during exposure.

FIRST AID:

EYE CONTACT: Remove any contact lenses, and flush eyes thoroughly with water for 15 minutes. If irritation persists, call a physician.

SKIN CONTACT: Remove contaminated clothing; wash affected skin with water.

IF BREATHING IS AFFECTED: Get fresh air immediately.

IF SWALLOWED: Drink a glass of water. Call a physician.

III Hazardous Ingredients

Ingredient	Concentration	Worker Exposure Limit
Sodium hypochlorite CAS #7681-52-9	1-5%	Not established
Sodium hydroxide CAS #1310-73-2	0.5-2%	2 mg/m ³ TLV-STEL ^a 2 mg/m ³ PEL ^b

^aTLV-STEL = ACGIH Threshold Limit Value-Short Term Exposure Limit
^bPEL = OSHA Permissible Exposure Limit-Time Weighted Average

None of the ingredients in this product are on the IARC, OSHA or NTP carcinogen lists.

IV Special Protection and Precautions

Hygienic Practices: Do not get in eyes or on clothing. Avoid prolonged or repeated skin contact. Avoid prolonged breathing of vapor. Use only in well-ventilated areas.

Personal Protection: Wear safety glasses. For sensitive skin or repeated/prolonged use, wear gloves.

Ventilation: Use general ventilation to minimize exposure to gases or aerosols associated with this product.

V Transportation and Regulatory Data

U.S. DOT Hazard Class: Not restricted

U.S. DOT Proper Shipping Name: N/A

EPA SARA TitleIII/CERCLA: Product is regulated under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium hydroxide and sodium hypochlorite which are regulated under Section 304/CERCLA.

VI Spill Procedures/Waste Disposal

Spill Procedures: Absorb and containerize. Wash down residual to sanitary sewer. Contact the sanitary treatment facility in advance to ensure ability to process washed-down material.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

VII Reactivity Data

Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids or ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds. Prolonged contact with metal or old porcelain may cause pitting or discoloration.

VIII Fire and Explosion Data

Flashpoint: greater than 200 °F
Fire Extinguishing Agents: Water spray, dry chemical or carbon dioxide (CO₂).
Special Fire-Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

IX Physical Data

Appearance:Clear, faint yellow liquid
Odor:Characteristic bleach odor
pH:12.4 - 12.8
Solubility in water:Completely soluble
Specific gravity (water = 1):1.04 at 25°C
HMIS: H=2 F=0 R=0 PPE=B