



The Clorox Company of Canada, Ltd.
 5700 Yonge Street, Suite 1210
 Toronto, Ontario, Canada
 M2M 4K2

Material Safety
 Data Sheet

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: TILEX® MILDEW REMOVER – Reg. No. 25039		PRODUCT IDENTIFICATION NUMBER: Not applicable.
PRODUCT USE: Spray mildew remover		
MANUFACTURER		SUPPLIER
The Clorox Company of Canada, Ltd. 5700 Yonge Street, Suite 1210 Toronto, Ontario M2M 4K2		The Clorox Company of Canada, Ltd. 5700 Yonge Street, Suite 1210 Toronto, Ontario M2M 4K2
EMERGENCY PHONE NO.: 1-800-446-1014		EMERGENCY PHONE NO.: 1-800-446-1014

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredient	% (w/w)	CAS Number	LD50 of Material (Specify Species & Route)	LC50 of Material (Specify Species)
Sodium hypochlorite	1-3	7681-52-9	13 g/kg (5.25% NaOCl, rat, oral)	Not Available.
Sodium hydroxide	0.1-1	1310-73-2	Not Available.	Not Available.

SECTION 3 - PHYSICAL DATA

Physical State: Liquid	Odour & Appearance: Clear, faint yellow, thin liquid with characteristic bleach odour.	Odour Threshold: Not Available.	Specific Gravity: ≈1.04 at 21°C
Vapour Pressure: Not Available.	Vapour Density: N. Av.	Evaporation Rate: N. Av.	Boiling Point: N. Av.
% Volatile (by volume): >95%	Solubility in Water: Complete.	pH: 12.4 - 12.8	Coeff. of Water/Oil Dist.: Not Available.
Freezing Point: N. Av.			

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> If yes, under which conditions?	
Means of Extinction: Dry chemical, carbon dioxide (CO ₂), foam, or water spray.	
Special Procedures: None known.	
Flashpoint & Method: > 93°C (closed cup)	Upper Flammable Limit (% by volume): Not Available. Lower Flammable Limit (% by volume): Not Available.
Autoignition Temperature: N. Av.	Hazardous Combustion Products: Products of combustion are toxic.
Explosion Data - Sensitivity to Impact: Not Applicable. Explosion Data - Sensitivity to Static Discharge: Not Applicable.	

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If no, under which conditions?	
Incompatibility with other substances: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If so, which ones?	Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.
Reactivity, if any, and under what conditions?	See above.
Hazardous decomposition products?	Products of decomposition are toxic.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry?			
Skin Contact: <input checked="" type="checkbox"/> Skin Absorption: <input type="checkbox"/> Eye Contact: <input checked="" type="checkbox"/> Inhalation Acute: <input checked="" type="checkbox"/> Inhalation Chronic: <input type="checkbox"/> Ingestion: <input checked="" type="checkbox"/>			
Effects of Acute Exposure to Material: Direct or prolonged eye or skin contact may cause irritation. Ingestion may cause nausea and vomiting. Exposure to vapour or mist may irritate eyes, nose, throat or lungs. Exposure to high concentrations of vapour or mist may aggravate the following medical conditions: heart conditions or chronic respiratory problems such as asthma, emphysema, chronic bronchitis, or obstructive lung disease.			
Effects of Chronic Exposure to Material: None known.			
Exposure Limits (TLV, ACGIH): Sodium hydroxide – 2 mg/m ³ – Ceiling limit	Irritancy of Material: Irritating to eyes, skin, nose, lungs, throat and gastrointestinal tract.	Sensitization Property of Material: Some clinical reports suggest a low potential for skin sensitization upon exaggerated exposure to sodium hypochlorite if skin damage occurs during exposure.	Carcinogenicity of Material: Not a carcinogen.
Teratogenicity/Embryotoxicity: Not teratogenic or embryotoxic.	Reproductive Toxicity: Not a reproductive toxicant.	Mutagenicity: Not mutagenic.	Synergistic Materials: None known.

SECTION 7 - PREVENTATIVE MEASURES

Personal Protective Equipment:		
Gloves (specify): Wear neoprene gloves or other protective gloves for sensitive skin or if there is the potential for repeated or prolonged skin contact.	Respirator (specify): In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.	Eye (specify): Safety glasses.
Footwear (specify): Not Applicable.	Clothing (specify): Not Applicable.	Other (specify): Not Applicable.
Engineering Controls (specify, e.g. ventilation, enclosed process):	Use general ventilation to minimize exposure to product mist.	
Leak and Spill Procedure:	Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.	
Waste Disposal:	Dispose of in accordance with existing federal, provincial and municipal environmental regulations	
Handling Procedures & Equipment:	Avoid contact with food.	
Storage Requirements:	Store in a cool place.	
Special Shipping Information:	Not restricted under TDG.	

SECTION 8 - FIRST AID MEASURES

Eye Contact: If splashed in eyes, flush thoroughly with water for 15 minutes. If irritation persists, call a physician.
Skin Contact: If splashed on skin, flush thoroughly with water. If irritation persists, call a physician.
Ingestion: If swallowed, give a glass of milk or water. Call a physician or poison control centre immediately.
Inhalation: If breathing is affected, get fresh air immediately.

SECTION 9 - PREPARATION DATE OF MSDS

Prepared by (group, department, etc.) Clorox Services Company	Phone Number: 1-925-425-6100	Date: October 16, 2001	V2
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N. Av. = Not Available

N. Ap. = Not Applicable

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