



The Clorox Company
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5711

Material Safety Data Sheet

CLOROX-HMIS	
HEALTH	2*
FLAMMABILITY	0
REACTIVITY	1
Personal Protection	B

I Chemical Identification											
NAME:	TILEX	CAS no. N/A									
DESCRIPTION:	FAINT YELLOW LIQUID WITH FRAGRANCED ODOR	RTECS no. N/A									
Other Designations	Manufacturer	Emergency Procedure									
Mildew Stain Remover Clean Scent Formula Tilex	The Clorox Company 1221 Broadway Oakland, CA 94612	Notify your Supervisor Call your local poison control center or Rocky Mountain Poison Center (303) 573-1014									
II Health Hazard Data	III Hazardous Ingredients										
*Moderate eye irritant. May irritate skin. May cause nausea and vomiting if ingested. Exposure to vapor or mist may irritate nose, throat and lungs. 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, chronic bronchitis or obstructive lung disease. Under normal consumer use conditions the likelihood of any adverse health effects are low. FIRST AID: EYE CONTACT: Flush eyes thoroughly with water. If irritation persists, see a doctor. SKIN CONTACT: Remove contaminated clothing. Wash exposed area with water. INHALATION: If breathing problems develop remove to fresh air. INGESTION: Drink a glassful of water and call a physician.	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Sodium hydroxide CAS # 1310-73-2</td> <td>0.5-2%</td> <td>2 mg/m³ TLV-C</td> </tr> <tr> <td>Sodium hypochlorite CAS # 7681-52-9</td> <td>2-5%</td> <td>not established</td> </tr> </tbody> </table> <p>None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists. TLV-C= Threshold Limit Value - Ceiling. The worker exposure limit should not be exceeded at any time. Source: ACGIH. Occasional clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (eg. irritation) occurs during exposure. Routine clinical tests conducted on intact skin with Tilex found no sensitization in the test subjects.</p>		Ingredient	Concentration	Worker Exposure Limit	Sodium hydroxide CAS # 1310-73-2	0.5-2%	2 mg/m ³ TLV-C	Sodium hypochlorite CAS # 7681-52-9	2-5%	not established
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IV Special Protection Information	V Special Precautions										
<p>Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear gloves.</p> <p>Engineering Controls: Use general ventilation to minimize exposure to vapor or mist.</p> <p>Work Practices: Avoid eye and skin contact and inhalation of vapor or mist.</p>	<p>Keep out of reach of children. Use only in well ventilated area. Open windows and turn on fans before use. Avoid prolonged breathing of vapor. If fumes bother you leave the room. Avoid prolonged contact with metal and porcelain as Tilex can react with these materials and leave a "rusty" look. Do not use on wood or painted surfaces unless you plan to refinish or paint them. Avoid contact with clothes, fabrics or paper surfaces as they will discolor. Do not use bottle or spray with other products.</p>										
VI Spill or Leak Procedures	VII Reactivity Data										
Small quantities of less than 5 gallons may be flushed down drain. For larger quantities wipe up with an absorbent material or mop and dispose of in accordance with local, state and federal regulations. Dilute with water to minimize oxidizing effect on spilled surface.	Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. Prolonged contact with metal may cause pitting or discoloration.										
VIII Fire and Explosion Data	IX Physical Data										
Not flammable or explosive. In a fire, cool containers to prevent rupture and the release of sodium chlorate.	Boiling point-----approx. 212°F/100°C Evaporation Rate (H ₂ O=1)-----approx. 1 Solubility in Water-----complete pH-----12.4 - 12.8										