



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**

<b>PRODUCT NAME:</b> FRESH SCENT CLOROX® DISINFECTING SPRAY - Reg. No. 26293		<b>PRODUCT IDENTIFICATION NUMBER:</b> Not applicable.
<b>PRODUCT USE:</b> Aerosol spray disinfectant.		
<b>MANUFACTURER</b>		<b>SUPPLIER</b>
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)
Ethanol	60 - 80	64-17-5	7.1 g/kg (rat, oral)	31600 ppm (rat)
Dialkyl (C <sub>8</sub> , C <sub>10</sub> ) dimethyl ammonium chlorides	0.3 - 0.4%	68424-95-3	Not available.	Not available.
Alkyl (40% C <sub>12</sub> , 50% C <sub>14</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chlorides	0.2 - 0.3%	68424-85-1	0.4 g/kg (rat, oral) 3.3 g/kg (rabbit, dermal)	Not available.
Isobutane	5 - 10	75-28-5	Not available.	14 pph (rat)
Propane	1 - 5	74-98-6	Not available.	Not available.

**SECTION 3 - PHYSICAL DATA**

<b>Physical State:</b> Liquid	<b>Odour &amp; Appearance:</b> Clear, colorless, thin liquid with a fresh, floral odour.	<b>Odour Threshold:</b> Not available.	<b>Specific Gravity:</b> ≈0.86
<b>Vapour Pressure:</b> Not available.	<b>Vapour Density:</b> N. Av.	<b>Evaporation Rate:</b> N. Av.	<b>Boiling Point:</b> N. Av.
<b>% Volatile (by volume):</b> > 95	<b>Solubility in Water:</b> Appreciable	<b>pH:</b> ≈10.0	<b>Freezing Point:</b> N. Av.
		<b>Coeff. of Water/Oil Dist.:</b> Not available.	

**SECTION 4 - FIRE AND EXPLOSION DATA**

<b>Flammability:</b> Class B, Division 5 (Flammable Aerosol). Do not use in the presence of open flame or spark. Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If yes, under which conditions? Flame extension is 40 - 46 cm with no flashback.	
<b>Means of Extinction:</b> Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or water spray.	
<b>Special Procedures:</b> Alcohol flames may not be readily visible. Keep containers cool. Exposure to temperatures over 50°C may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers.	
<b>Flashpoint &amp; Method:</b> ≈19°C (closed cup) for liquid.	<b>Upper Flammable Limit (% by volume):</b> Not available. <b>Lower Flammable Limit (% by volume):</b> Not available.
<b>Autoignition Temperature:</b> N. Av.	<b>Hazardous Combustion Products:</b> Products of combustion are toxic.
<b>Explosion Data - Sensitivity to Impact:</b> Not applicable.	<b>Explosion Data - Sensitivity to Static Discharge:</b> Not applicable.

**SECTION 5 - REACTIVITY DATA**

<b>Chemical Stability:</b> Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If no, under which conditions?	
<b>Incompatibility with other substances:</b> Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> If so, which ones?	Alkalis and acids.
<b>Reactivity, if any, and under what conditions?</b>	None known.
<b>Hazardous decomposition products?</b>	Products of decomposition are toxic.

## SECTION 6 - TOXICOLOGICAL PROPERTIES

<b>Route of Entry?</b>			
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 checked="" type="checkbox"/> Ingestion: <input type="checkbox"/>			
<b>Effects of Acute Exposure to Material:</b> Direct or prolonged eye or skin contact may result in irritation. Intentional misuse by concentrating and inhaling vapours may be harmful or fatal. Inhalation of high concentrations may cause irritation of the respiratory tract, headaches, dizziness, nausea, vomiting, and malaise. Ingestion of large quantities may result in ethanol intoxication.			
<b>Effects of Chronic Exposure to Material:</b> See Sensitization section below.			
<b>Exposure Limits (TLV, ACGIH):</b> Ethanol - 1000 ppm - TWA Propane - 2500 ppm - TWA	<b>Irritancy of Material:</b> Moderately irritating to eyes and slightly irritating to skin.	<b>Sensitization Property of Material:</b> Prolonged or frequently-repeated skin contact may cause allergic reactions in some individuals.	<b>Carcinogenicity of Material:</b> Not a carcinogen.
<b>Teratogenicity/Embryotoxicity:</b> Not teratogenic or embryotoxic.	<b>Reproductive Toxicity:</b> Not a reproductive toxicant.	<b>Mutagenicity:</b> Not mutagenic.	<b>Synergistic Materials:</b> None known.

## SECTION 7 - PREVENTATIVE MEASURES

<b>Personal Protective Equipment:</b>		
<b>Gloves (specify):</b> Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact.	<b>Respirator (specify):</b> In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.	<b>Eye (specify):</b> Safety glasses.
<b>Footwear (specify):</b> Not applicable.	<b>Clothing (specify):</b> Not applicable.	<b>Other (specify):</b> Not applicable.
<b>Engineering Controls (specify, e.g. ventilation, enclosed process):</b>	Use explosion-proof ventilation to minimize exposure to product vapour or mist.	
<b>Leak and Spill Procedure:</b>	Eliminate all sources of ignition, and ventilate area. Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.	
<b>Waste Disposal:</b>	Do not puncture or incinerate empty or full cans. Dispose of in accordance with existing federal, provincial, and municipal environmental regulations.	
<b>Handling Procedures &amp; Equipment:</b>	Rinse hands after use. Avoid direct or indirect contamination of food.	
<b>Storage Requirements:</b>	Store at temperatures below 50°C. Keep away from open flame or spark.	
<b>Special Shipping Information:</b>	Consumer commodity exception per TDG Regulations Part 2.7.	

## SECTION 8 - FIRST AID MEASURES

<b>Eye Contact:</b> If eye contact occurs, immediately flush with a steady, gentle stream of water for 15 minutes. If irritation persists, call a physician.
<b>Skin Contact:</b> If splashed on skin, flush thoroughly with water. If irritation persists, call a physician.
<b>Ingestion:</b> If swallowed, drink a glassful of water. Call a physician or poison control centre.
<b>Inhalation:</b> Remove to fresh air. If breathing problems develop, call a physician.

## SECTION 9 - PREPARATION DATE OF MSDS

<b>Prepared by (group, department, etc.)</b> Clorox Services Company	<b>Phone Number:</b> 1-925-847-6100	<b>Date:</b> March 13, 2000	V1
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N. Av. = Not available.

N. Ap. = Not applicable.