



The Clorox Company of Canada, Ltd.  
150 Biscayne Crescent  
Brampton, Ontario, Canada  
L6W 4V3

Material Safety  
Data Sheet

### SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT NAME:</b> CLOROX® COMMERCIAL SOLUTIONS™ CLOROX® DISINFECTING WIPES - FRESH SCENT - DIN 02319462		<b>PRODUCT IDENTIFICATION NUMBER:</b> Not applicable.
<b>PRODUCT USE:</b> Moistened disinfecting wipes for hospital, food processing, and institutional use		
<b>MANUFACTURER</b>		<b>SUPPLIER</b>
The Clorox Company of Canada, Ltd. 150 Biscayne Crescent Brampton, Ontario L6W 4V3  EMERGENCY PHONE NO.: 1-800-446-1014		The Clorox Company of Canada, Ltd. 150 Biscayne Crescent Brampton, Ontario L6W 4V3  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)
n-Alkyl (5% C <sub>12</sub> , 60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride	0.1 - 0.2%	68391-01-5	Not available.	Not available.
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chloride	0.1 - 0.2%	68956-79-6	Not available.	Not available.
Isopropyl alcohol	1 - 5	67-63-0	5 g/kg (rat, oral) 12.8 g/kg (rabbit, dermal)	22600 ppm (rat)

### SECTION 3 - PHYSICAL DATA

<b>Physical State:</b> Liquid absorbed into non-woven wipes.	<b>Odour &amp; Appearance:</b> Clear, colorless, thin liquid with a fruity odour absorbed into white, non-woven wipes.	<b>Odour Threshold:</b> Not available.	<b>Specific Gravity:</b> ≈1.0 for liquid
<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> > 98% for liquid	<b>Solubility in Water:</b> Appreciable for liquid	<b>pH:</b> 5 - 7	<b>Freezing Point:</b> N. Av.
		<b>Coeff. of Water/Oil Dist.:</b> Not available.	

### SECTION 4 - FIRE AND EXPLOSION DATA

<b>Flammability:</b> Liquid is Class B, Division 3 (Combustible Liquid). Do not use or store near heat or open flame. <b>Yes:</b> <input checked="" type="checkbox"/> <b>No:</b> <input type="checkbox"/> <b>If yes, under which conditions?</b> Liquid ignites but does not sustain combustion.	
<b>Means of Extinction:</b> Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or water spray.	
<b>Special Procedures:</b> None.	
<b>Flashpoint &amp; Method:</b> ≈48°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. Ap.	<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> <b>Yes:</b> <input checked="" type="checkbox"/> <b>No:</b> <input type="checkbox"/> <b>If no, under which conditions?</b>	
<b>Incompatibility with other substances:</b> <b>Yes:</b> <input checked="" type="checkbox"/> <b>No:</b> <input type="checkbox"/> <b>If so, which ones?</b> Mixing with sodium hypochlorite may release small amounts of formaldehyde gas.	
<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: <u>  X  </u> Skin Absorption: <u>  </u> Eye Contact: <u>  X  </u> Inhalation Acute: <u>  </u> Inhalation Chronic: <u>  </u> Ingestion: <u>  </u>			
<b>Effects of Acute Exposure to Material:</b> Direct or prolonged eye or skin contact may result in irritation.			
<b>Effects of Chronic Exposure to Material:</b> None known.			
<b>Exposure Limits (TLV, ACGIH):</b> Isopropyl alcohol - 200 ppm - TWA 400 ppm - STEL	<b>Irritancy of Material:</b> Moderately irritating to eyes and slightly irritating to skin.	<b>Sensitization Property of Material:</b> Not a sensitizer.	<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 nitrile 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 general ventilation to minimize exposure to product vapour or mist.		
<b>Leak and Spill Procedure:</b> 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> Dispose of used wipes in trash. Do not flush. Dispose of in accordance with existing federal, provincial, and municipal environmental regulations.		
<b>Handling Procedures &amp; Equipment:</b> Wash thoroughly with soap and water after using. Avoid contamination of food. In food preparation areas, wash disinfected surfaces with potable water before allowing contact with food. Not for personal cleansing. Not for use as a baby wipe.		
<b>Storage Requirements:</b> Do not store near heat or open flame.		
<b>Special Shipping Information:</b> Not restricted per TDG Regulations Part 2.18.		

## SECTION 8 - FIRST AID MEASURES

<b>Eye Contact:</b> In case of eye contact, flush with plenty of water for 15 minutes. If irritation persists, get medical attention immediately.
<b>Skin Contact:</b> In case of skin contact, wash thoroughly with soap and water. If on clothes, remove clothes immediately.
<b>Ingestion:</b> If swallowed, drink two or three glasses of milk or water. Do not induce vomiting. Contact a physician or poison control center immediately.
<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> 1-925-425-6100	<b>Date:</b> January 28, 2009	V1
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N. Av. = Not available.

N. Ap. = Not applicable.