



I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 3105174		
<b>PRODUCT NAME: TIM HORTONS SANITIZER</b>				
<b>USE:</b> Sanitizer				
<b>SUPPLIER:</b> JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada	<b>EMERGENCY PHONE:</b>  <b>1-800-668-7171</b>			
<b>WHMIS CLASSIFICATION:</b> E <b>CHEMICAL FAMILY:</b> not applicable	<b>TRADE NAME / SYNONYMS:</b> not applicable <b>CHEMICAL NAME:</b> not applicable			
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Quaternary Ammonium Chloride	1-5	68391-01-5	not available	not available
Quaternary Ammonium Chloride	1-5	68956-79-6	not available	not available
III - HANDLING AND DISPOSAL PROCEDURES				
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>				
<b>Gloves:</b> Wear impermeable gloves.		<b>Eye:</b> Safety Goggles		<b>Footwear:</b> Not normally required.
<b>Respiratory:</b> Not normally required.		<b>Other:</b> Not normally required.		
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Do not taste or swallow. Do not breathe mist or spray. Avoid eye and skin contact.				
<b>VENTILATION REQUIREMENTS:</b> General ventilation				
<b>INCOMPATIBILITY (Material to Avoid):</b> None known				
<b>SPILL PROCEDURES:</b> Wear protective clothing. Contain the spill. Mop up or soak up with absorbent clay for disposal. Wash spill area with large volumes of water.				
<b>WASTE DISPOSAL:</b> Dispose of according to municipal, provincial, and federal regulations.				
<b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container.				
IV - PHYSICAL PROPERTIES				
<b>APPEARANCE / ODOUR:</b> Clear pink to red liquid				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.02		<b>pH:</b> 6-8		
<b>VAPOUR PRESSURE (mmHg):</b> not available		<b>VAPOUR DENSITY (air=1):</b> not available		
<b>ODOUR THRESHOLD:</b> not available		<b>BOILING POINT:</b> 100 C		
<b>FREEZING POINT:</b> 0 C		<b>PERCENT VOLATILE:</b> 80		
<b>SOLUBILITY IN WATER:</b> very soluble		<b>EVAPORATION RATE (water=1):</b> not available		
V - TOXICOLOGICAL PROPERTIES				
<b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>				
<b>EYES:</b> Corrosive. May cause permanent eye damage.				
<b>SKIN:</b> Corrosive. May cause permanent damage if not treated promptly.				

**INGESTION:** Corrosive.  
May cause severe irritation of the digestive tract.

**INHALATION:** Corrosive.  
May cause irritation of respiratory tract.

**LD50 (calculated):** Not determined.

**LC50 (calculated):** Not determined.

**OTHER TOXIC EFFECTS:** Not determined.

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** Not determined.

### VI - FIRST AID MEASURES

**EYES:** Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing.  
Contact a physician immediately.

**SKIN:** Flush skin with plenty of water for at least 15 minutes.  
Contact a physician immediately.

**INGESTION:** Contact a physician immediately.  
Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient.  
Do not induce vomiting.

**INHALATION:** Remove patient to fresh air.  
Get medical attention for any breathing difficulty.

### VII - FIRE AND EXPLOSION DATA

**FLAMMABLE:** No

**FLASH POINT, °C:** >93.9

**AUTO IGNITION TEMPERATURE, °C:** not available

**EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water spray to cool fire exposed containers. Use water spray to disperse vapours.  
Wear self-contained breathing apparatus.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, ammonia, nitrogen oxides.

**EXPLOSIVE SENSITIVITY TO:** not available

### VIII - REACTIVITY DATA

**STABILITY:** Stable [x] Unstable [ ]

**CONDITIONS TO AVOID:** None known

**INCOMPATIBILITY (Material to Avoid) :** None known

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning may produce carbon monoxide, carbon dioxide and unidentified organic compounds

**REACTIVITY:** Not dangerously reactive.

### IX - MSDS PREPARATION

**SOURCES USED:** Raw Materials MSDS

**PREPARED BY:** JohnsonDiversey Canada, Inc.  
Regulatory Department  
Institutional Division  
Phone (905) 829-1200

**PREPARATION DATE:** September 22, 2003

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