

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION:

Product Name: Sodium Hypochlorite

WHMIS Class:C,E

Trade Name: JAVEX-12

Product Use: Disinfection, odour control, laundry, water, sewage and industrial waste treatment.

Supplier Name & Address:

Distributor Name & Address:

Colgate-Palmolive Canada Inc.
99 Vanderhoof Ave
Toronto, Ontario
M4G 2H6
Tel: (416) 421-6000

Prepared by: Colgate-Palmolive Canada Inc. Technical Services

Emergency Phone Number: CANUTEC (613) 996-6666

Preparation Date: July 10,03

SECTION II - HAZARDOUS INGREDIENTS:

Ingredients	CAS#	WT %	ACGIH-TLV	LC 50	LD 50
Sodium Hypochlorite	7681-52-9	7-13	Not Available	Not Available	Not Available

SECTION III - PHYSICAL DATA:

Boiling Point (°C): 105	Special Gravity(H2O=1): 1.168	Vapour Pressure(mmHg):22@20(°C)
Freezing Point (°C):-15	Vapour Density(Air=1): Not Available	Evaporation Rate(BuAc=1): Not Available
Percent Volatile (Wt%):80	pH(100%): 12.8 Min.	Physical State: Liquid
Solubility in Water: Soluble	Odour: Typical chlorine bleach	Viscosity @ 20°C: Water thin
Appearance: Clear lime-yellow solution		

SECTION IV - FIRE AND EXPLOSION DATA:

Flammability: Not flammable	Flash Point deg.(C,TCC): None	LEL: None	UEL: None
Hazardous Combustion Products: None	Means of Extinction: If involved in fire use water, carbon dioxide or other Class B extinguishers.		
Special Fire Hazards: None			

SECTION V - REACTIVITY DATA:

Conditions for Chemical Instability:	Yes ..x....	No.....	If YES, Under which condition: High Temperatures
Incompatible Materials: Metals, reducing and oxidizing agents, solvents, acids, nitrogen compounds and most organic substances.	Hazardous Decomposition Products: None		

SECTION VI - TOXICOLOGICAL PROPERTIES:

Route of Entry:	..x..Eyes	..x.. Skin ContactSkin Absorption	..x..Inhalation	..x..Ingestion
Effects of Acute Exposure: Will cause moderate irritation to skin and severe irritation and pain to eyes. Fumes may irritate mucous membranes and cause coughing or pulmonary edema. If ingested product will cause membrane irritation and pain and inflammation to digestive tract.Could cause vomiting and shock.					
Effects on Chronic Exposure: Same as Acute Exposure.					
Irritancy: Moderate to severe.					
Carcinogenicity: Not by IARC conclusions.					
Teratogenicity, Mutagenicity, Reproductive Effects: Not established.					
Synertistic Materials: None					
Respiratory Tract Sensitization: May irritate mucous membranes if exposure is prolonged.					

SECTION VII - PREVENTATIVE MEASURES:

Personal Protective Equipment: Wear PVC or rubber gloves and eye goggles or shield. Also wear regular foot wear, but rubber boots when handling spills. When handling product, it is preferred that you wear a plastic jacket or apron. Have safety shower and eye wash fountain available close by.

Engineering Controls: General ventilation is adequate. Ventilate storage tank outside.

Leak and Spill Procedure:Leaking product may be transferred to clean plastic containers. Dilute small spills with water and add sodium sulfite or sodium metabisulfite and flush to sewer. For large spills contact CANUTEC and **spijer**.

Waste Disposal: In accordance with Federal, Provincial and local government requirements.

Storage Requirements: Use polyethylene, polypropylene, FRP or PVC containers. Store product at -10 to 30°C and away from sunlight or heat.

Special Shipping Information: Material is TDG regulated, UN #1791, Class 8, Packing Group 111. Do not drop containers.

SECTION VIII - FIRST AID:

Eye: Immediately flush with water for 15 minutes. Call a physician.

Skin: Immediately flush with water. Call a physician if irritation develops.

Inhalation: If inhaled, remove to fresh air. If symptoms persist, call a physician.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Call a physician immediately.

Never give anything by mouth if victim is unconscious or rapidly losing consciousness or is convulsing.

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