



Material Safety Data Sheet

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Flexo 12

Use: Stain Remover, Disinfectant
 Code: FHB012D, J, P

Date of MSDS: December 1, 2017

WHMIS: E

TDG: HYPOCHLORITE SOLUTION, more than 7% available
 chlorine Class 8 UN1791 PGII

HMIS: Health - 3, Flammability - 0, Reactivity - 1, PPE - B

Emergency Telephone #CANUTEC 613-996-6666

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Sodium Hypochlorite	7-13	7681-52-9	>2000 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid Viscosity: water thin Vapour Pressure: not available Oil/Water Factor: not available
 Specific Gravity: 1.10 pH: 13.0 Appearance: clear straw yellow Vapour Density: heavier
 Odour chlorine Evaporation Rate: faster Boiling Point (°C): 101.0 Odour Threshold: not available
 Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable UFL: not applicable
 Flash Point and Test Method: none LFL: not applicable
 Sensitivity to Static Discharge or Mechanical Impact: not available Auto-Ignition Temperature: not available
 Hazardous Combustion Products: chlorine gas
 Means of Extinction: Treat for surrounding materials. Dangerous gases produced in fire. Corrosive material.
 Container may burst in heat of fire

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable Conditions of Reactivity: not applicable
 Incompatible Substances: heavy metals, reducing agents, acids, ammonia, glycols, alcohols and solvents
 Hazardous Decomposition Products: chlorine gas, oxygen
 Storage Requirements: Store in closed container, away from incompatible materials in a cool, dry, well-ventilated area.

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known Route(s) of Entry: skin, eyes, ingestion, inhalation
 Irritancy of Product: hazardous Sensitization: not available
Acute Effects Chronic Effects
 Eye: can cause burns, severe corneal damage, blindness Carcinogen: none known
 Skin: redness, burns, pain & blistering Teratogen: none known
 Inhalation: Respiratory tract irritation. High levels may cause Mutagen: none known
 unconsciousness, respiratory depression and death. Reproductive Toxin: none known
 Ingestion: can cause serious illness or death
 Prolonged or Repeated Exposure: Skin - Can cause drying, defatting, & dermatitis.
 May cause respiratory tract and eye irritation.

VI - FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
 Skin Contact: Immediately flush with water for 15 minutes. Contact a physician if irritation develops.
 Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
 Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

VII - PROTECTIVE EQUIPMENT

Personal Protective Equipment:
 Eyes: chemical splash goggles or shield
 Skin: impermeable gloves
 Respiratory: not normally required if good ventilation is maintained
 Ventilation: general ventilation normally adequate

VIII - SPECIAL MEASURES

For Leaks or Spills: Transfer to suitable container. Dilute spill with water and add sodium bisulfite or sulfite. Flush to sewer.
 Do not use combustible material (i.e./sawdust).
 Waste Disposal: Review all Federal, Provincial and local regulations prior to disposal.

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