



Material Safety Data Sheet

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Flexo 12

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

Date of MSDS: December 1, 2014

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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