



Chief Medical Supplies Ltd.
411 – 19 Street, S. E.
Calgary, AB., Canada.
T2E 6J7
1.866.620.6034

Safety Data Sheet Hemacleanse

Document No. M-D6-017

Section I – Product and Company Identification

Synonym: Sodium Hypochlorite, Chlorine Bleach

CAS No.: 7782-50-5, 7647-14-5, 7732-18-5

Molecular Weight: NA

Chemical Formula: NA

Product Code: Hclo-50

Company Identification:

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For information, call:

1-403-207-6034

Emergency Number:

1-403-207-6034

Section II – Hazards Identification

Appearance: Light yellow liquid

Physical State: Liquid

Odor: Slight chlorine odor

Hazards of Product: No special protection is needed under normal use conditions. Do not mix with acid substances, it may release hazardous gases. Store in a cool dry area, away from direct sunlight and heat.

Potential Health Hazards: Not available

Section III – Composition/Information on Ingredients

Ingredient Name	Chemical Formula	CAS No.	% by weight
Chlorine	Cl	7782-50-5	1.02%
Sodium Chloride	NaCl	7647-14-5	18%
Water	H ₂ O	7732-18-5	>92%

Section IV – First Aid Measures

Skin Contact: Contact with skin causes no adverse effects.

Eye Contact: Flush with plenty of water immediately. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air if inhaled. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, drink large quantities of milk or gelatine solution. If these are not available, drink large quantities of water and call a physician. Do not give vinegar or other acids. Do not induce vomiting. Antidote: Sodium thiosulphate; gastric lavage.

Section V – Fire Fighting Measures

Conditions of flammability:	Not flammable
Means of extinction:	Not flammable
Flash point and method of determination:	Not flammable
Upper flammable limit:	Not available
Lower flammable limit:	Not available
Auto-ignition temperature:	Not available
Hazardous combustion products:	Not available
Explosion data - sensitivity to mechanical impact:	Not available
Explosion data - sensitivity to static discharge:	Not available

Section VI – Accidental Release Measures

Spills: In case of spills, flush area with water. The product should be diluted with water before disposal in sanitary sewer.

Section VII – Handling and Storage

Handling Procedures: Not available

Storage Requirements: Store below 25°C; do not freeze

Section VIII – Exposure Controls/Personal Protection

Engineering Controls: Not available

Personal Protection

Eyewear: Safety glasses or goggles

Gloves: Protective gloves

Clothing: Lab coat

Section IX – Physical and Chemical Properties

Physical state: Liquid

Odour and appearance: Slight chlorine odour

Odour threshold: Not available

Specific gravity: 1.12 (H₂O=1)

Vapour pressure: Not available

Vapour density: Not available

Evaporation rate: Not available

Boiling point: 100 - 104 °C

Freezing point: -12 - 0 °C

pH: 10

Coefficient of water/oil distribution: Not available

Section X – Stability and Reactivity

Stability: Stable

Conditions to avoid: Avoid high temperature and direct sunlight

Incompatible materials: React with Toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products

Conditions of reactivity: Not available

Hazardous decomposition products: Hazardous gases may form when react with acid or ammonia containing products

Section XI – Toxicological Information

Route of entry: Not available

Effects of acute exposure: Not available

Effects of chronic exposure: Not available

Exposure limits: Not available

Irritancy of product: Not available

Sensitization to product: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Toxicologically synergistic products: Not available

Section XII – Ecological Information

Not available

Section XIII – Disposal Considerations

Waste disposal: The product should be diluted with water before disposal in sanitary sewer.

Section XIV – Transport Information

Special shipping information: Not available

Transport of Dangerous Goods (TDG): None

Department of Transportation (DOT): None

International Maritime Dangerous Goods (IMO): None

International Civil Aviation Organization (ICAO): None

Section XV – Regulatory Information

WHIMIS classification: Not available

OSHA: Not available

SERA: Not available

TSCA: Not available

Section XVI – Other Information

SDS creation date: Feb 1, 2009

Last revision date: Jan 11, 2016

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Chief Medical Supplies be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Chief Medical Supplies has been advised of the possibility of such damages.

***This product has been classified in accordance with the hazard criteria of the CPR
and the SDS contains all of the information required by the CPR***