



11900, rue St-Jean-Baptiste  
Montreal, Quebec, H1C 2J3

**LAVO - 6**  
**Sodium Hypochlorite 6,0 %**

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**MATERIAL SAFETY DATA SHEET**

**IN CASE OF EMERGENCY :**(514) 526-7783

Date issued: Sept 2005

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**PRODUCT IDENTIFICATION:**

Product name: LAVO – 6 bleach  
Chemical name: Sodium hypochlorite  
Product use: Bleaching agent and disinfectant  
WHMIS : E, D2B

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**HAZARDOUS INGREDIENTS:**

Hazardous ingredient	%	ACGIH TLV	Cas N <sup>o</sup>
Sodium Hypochlorite	6,0	0,5 ppm (as Cl <sub>2</sub> )	7681-52-9

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**PHYSICAL PROPERTIES:**

Appearance and Odour: Clear greenish yellow liquid with chlorine odor for the regular and lemony for the lemon fresh.

Boiling Point (° C): Slowly decomposes at 40°C to NaCl and NaClO<sub>3</sub>

Melting/Freezing point: ≈ - 5° C

Specific gravity: ≈ 1,08 g/ml

Evaporation point: Not available

Solubility: Miscible in all proportions in water

pH: ≈ 12,25

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**REACTIVITY DATA:**

Stability: Unstable above 40°C, or in contact with metals or sunlight

Hazardous polymerization: Will not occur

Materials to Avoid: **Acids**, ammonia, oxidable materials, urea, most metals

Hazardous Decomposition or combustion Products: Chlorine gas when in contact with acids.

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## FIRE AND EXPLOSION DATA

Flammability: No  
Flash point: Not applicable  
Autoignition Temperature: Not applicable  
Fire extinguishing media: Use appropriate media for surrounding fire.

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## TOXICOLOGICAL AND HEALTH DATA:

Route of entry: Skin contact, eye contact, inhalation and ingestion

### Toxicological data:

Irritancy of material: Corrosive and irritant, risk of severe damages when eye contact  
Effect of acute exposure: May cause discomfort, irritation, chemical burns

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## FIRST AID MEASURES:

Inhalation: Move victim to fresh air. Obtain medical attention if necessary  
Skin contact: Flush area with water for 15 minutes. Obtain medical attention if necessary  
Eye contact: Flush eye with running water for at least 15 minutes. Obtain medical attention **immediately**  
Ingestion: Rinse mouth with water. Give ½ to 1 glass of water. **Do not** induce vomiting. Obtain medical attention **immediately**.

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## PREVENTIVES MEASURES:

Respiratory protection: Not necessary if area is well ventilated  
Skin protection: Rubber gloves are recommended  
Eye protection: Safety glasses are recommended  
Engineering controls: Local exhaust ventilation  
Storage temperature ( °C): Between 0°C and 29°C, away from the sunlight  
Handling procedures and equipments: Protect containers from damages. Avoid splashing.

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## ENVIRONMENTAL PROTECTION DATA:

Steps in the event of a spill or leak: Absorb and rinse with water small leaks.  
Waste disposal methods: Consult federal, provincial and local regulations.

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## REFERENCES:

SAX, N.I., Dangerous Properties of Industrial Materials.

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PREPARED BY: **LAVO Inc (QC Dept).**