



MATERIAL SAFETY DATA SHEET (MSDS)

0001-0105-54

SECTION 1: PRODUCT and MANUFACTURER IDENTIFICATION

Product name: La Parisienne 2-chlorine free-whitening agent
Product use: whitening and cleaning agent (household and domestic use)
Product class: mixture
MSDS application: to retailing products for consumers use
WHMIS Class: E, D2B
TDG Classification: Not regulated

Manufacturer name: Lavo Inc
Manufacturer Address: 11900 Saint-Jean Baptiste Blvd, Montréal QC H1C 2J3
Telephone: 1-800-361-6898 or (514) 526-7783
Emergency Phone (transport): Canutec (613) 996-6666

SECTION 2: COMPOSITION /HAZARDOUS INGREDIENTS

Ingredient Name	% w/w	CAS no	TLV	DL50
Hydrogen peroxide	1-5	7722-84-1	1 ppm (TWA)	1000-1232 mg/kg (sol. 50-70%) (Oral, rat)
C2-15 Ethoxylated Alcohols	1-5	68131-38-5	ND	2000 mg/kg (Oral, rat)

SECTION 3: PHYSICO-CHEMICAL DATA

Physical status : Slightly Visqous Liquid
Appearance: Clear Blue solution
Odor: Fresh perfume
Threshold Odor: ND
Boiling point (°C): ND.
Melting/ freezing point (°C): (°C): 0
Specific gravity (g/ml, @25°C): 1.009-1.012
Tension de vapeur (mm Hg): ND
% Volatile (% p/p): ND
Densité de vapeur (Air = 1): ND
Solubility (in water, %) : 100
pH : 6.1-6.6
Viscosity (@ 20 °C, cps) 140-350

SECTION 4: FIRE AND EXPLOSION DATA

Flammability (°C):	non flammable, non combustible
LEL, UEL:	NA
Auto-ignition temperature (°C):	N.D.
Hazardous combustion products:	smoke, oxygen, carbon and nitrogen oxides.
Extinguishing media:	Water (jet spray),
Fire fighting procedures:	Remove storage vessels from fire zone, if possible. Use water spray to cool containers.

SECTION 5: REACTIVITY DATA

Chemical stability:	Stable in normal conditions
Hazardous polymerization:	Will not occur
Unstable:	under fire and high temperature conditions; alkaline media (for hydrogen peroxide)
Conditions to avoid:	Flames and temperatures above 50° C, alkaline media
Materials to Avoid:	Strong bases, reducing agents, easy flammable and combustible products, Ferrous metals and their alloys
Hazardous decomposition products:	Oxygen

SECTION 6: TOXICOLOGICAL PROPERTIES

Route of entry: Eyes, skin, ingestion, inhalation.

Acute exposure effects:

Eyes:	Risk of ocular irritation and severe injury.
Skin:	Risk of irritation, dry skin effects.
Ingestion:	Risk of burns of oral cavity and throat. Risk of abdominal pain and vomiting effects.
Inhalation:	Risk of nose irritation and irritation of superior respiratory tract, cough.

Chronic exposure effects:

Irritation:	Frequent and prolonged skin contact may cause skin discoloration or dermatitis and skin dryness.
Sensibilisation:	May cause skin sensibilisation.
Carcinogenicity :	Mixture (product) ingredients are not classified as carcinogenic substances.

Teratogenicity and Reproductive Effects:	Not available
Mutagenicity:	Not available
Synergistic materials:	Not known

SECTION 7: FIRST AID MESURES

Eyes contact: Immediately rinse with plenty of water for at least 15 minutes, keeping eyelids open. Seek medical attention immediately.

Skin contact : Take off contaminated clothes and rinse with water for at least 10 minutes. Seek medical attention if an irritation develops. Wash contaminated clothes before wearing.

Inhalation: Bring the person to fresh air. Seek medical attention if discomfort.

Ingestion: Do not induce vomiting. Rinse out mouth and give ½ to 1 glass of water to drink. Do not give anything by mouth if victim is unconscious. Seek medical attention or call urgently a Poison Control Center.

SECTION 8: PROTECTION and PREVENTIVE MESURES

Engineering control:	General ventilation
Respiratory protection:	Not usually required
Skin protection:	Gloves recommended
Eyes protection:	It is suggested to wear safety glasses.
Technical protection :	Local ventilation and eye wash station if large quantities are handling.

Handling procedures and equipments : Protect containers against physical damages, flames and high temperature. Do not transfer the product from original containers.

Storage conditions : Store at 10-30 °C, avoiding heating and incompatible materials. Keep the product in a ventilated cool area, in original containers tightly closed.

Spill or leak procedures : Wear protective equipment. Stop the leak. Pump product into drums for disposal or absorb with an inert absorbent material (sand, ashes, etc.), and place into containers for disposal. Very small leaks could be dilute with large quantities of water.

Waste disposal methods: Consult federal, provincial, state and local regulations on chemical waste disposal. Product is biodegradable in the environment.

SECTION 9: OTHER INFORMATION**References:**

SAX, N.I., Dangerous Properties of Industrial Materials and MSDS of raw materials from suppliers.

Disclaimer of liability

The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Lavo Inc. expressly disclaims all expressed or implied warranties for the accuracy or completeness of the data contained herein and assumes no responsibilities for any involved damages by above data. Product's users have to do their own tests to establish the applicability of the information for a specific use of the product.

The data in this MSDS does not apply to use with any other product or in any other process.

Prepared by : Lavo Inc (SA-RA Dept)

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