



# MATERIAL SAFETY DATA SHEET

## BLEACH COLOR SAFE

Effective Date : 10-Feb-2015

SECTION 1 : IDENTIFICATION	
<b>Product Name:</b>	LA PARISIENNE 2 WHITENING AGENT
<b>Nom chimique :</b>	Mixture
<b>Product Use:</b>	Bleach for laundry
<b>Manufacturer:</b>	LAVO Inc
<b>Address :</b>	11900 Boul. Saint-Jean Baptiste, Montréal, Québec, Canada H1C 2J3
<b>Telephone :</b>	1-800-361-6898 ou 514-526-7783
<b>En cas d'urgence (24h) :</b>	CANUTEC (transport) 1-613-996-6666

SECTION 2 : HAZARD IDENTIFICATION	
<b>Emergency Overview:</b>	CAUTION MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
<b>Potential short term health effects:</b>	
<b>Routes of exposure</b>	Eye, Skin contact, Inhalation, Ingestion..
<i>Eyes :</i>	May cause irritation.
<i>Skin :</i>	May cause irritation.
<i>Ingestion :</i>	May cause stomach distress, nausea or vomiting.
<i>Inhalation :</i>	May cause respiratory tract irritation.
<b>Target organs:</b>	Eyes. Skin.
<b>Chronic effects:</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Signs and symptoms:</b>	Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
<b>Potential environmental effects :</b>	Components of this product have been identified as having potential environmental concerns.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredients	CAS	%
N.N dimethyltetraclamine N-Oxide	3332-27-2	1 - 3% w/w
Ethoxyl Alcohol C12-C15	68131-39-5	1 - 3% w/w
Hydrogen Peroxide	7722-84-1	1 - 5% w/w

SECTION 4 : FIRST AID MEASURES	
<b>Eye contact:</b>	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin contact :</b>	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Ingestion :</b>	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
<b>Inhalation :</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
<b>General advice:</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.



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SECTION 5 : FIRE FIGHTING MEASURES	
<b>Flammables Properties:</b>	Not flammable by WHMIS criteria.
<b>Suitable extinguishing media:</b>	Treat for surrounding material.
<b>Protection of firefighters:</b>	
Specific hazards arising from the chemical:	Not available
Protective equipment for firefighter :	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products :</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen
<b>Explosion data:</b>	Not available

SECTION 6 : ACCIDENTAL RELEASE MEASURES	
<b>Personnal precautions:</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Environmental precautions:</b>	Do not discharge into lakes, streams, ponds or public waters.
<b>Methods for containment:</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up:</b>	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spill in original containers for re-use.

SECTION 7 : HANDLING AND STORAGE	
<b>Handling:</b>	Use good industrial hygiene practices in handling this material. Avoid contact with eyes and skin. Wash thoroughly after handling.
<b>Storage :</b>	Keep out of reach of children. Store in a closed container away from incompatible materials.
<b>Température de storage :</b>	5 – 30°C. Do not freeze. Avoid high temperature.

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION			
Exposure limit values :	ACGIH-TLV		OSHA
Ingredients	CAS	TWA	
N.N dimethyltetraacylamine N-Oxide	3332-27-2	Not available	Not availalble
Ethoxyl Alcohol C12-C15	68131-39-5	Not available	Not availalble
Hydrogen Peroxide	7722-84-1	1 ppm	Not availalble
<i>Engineering controls:</i>	Not normally required		
<i>Personal protective equipment</i>			
<i>Eye/Face protection:</i>	Safety glasses if eye contact is possible.		
<i>Hand protection :</i>	If there is constant skin contact, rubber gloves are recommended.		
<i>Skin and body protection :</i>	As required by employer code.		
<i>Respiratory protection:</i>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator		
<i>General hygiene considerations</i>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.		



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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Clear Liquid Blue	Appearance	Liquid
Odor	Odorous	Odor threshold	Not available
pH	6.0 - 6.6	Water solubility	Soluble
Boiling point	Not available	Auto-ignition temperature	Not available
Freezing point	Not available	Viscosity @20 °C	50 - 125 cPs
Vapour pressure	Not available	Auto-ignition temperature	Not available
Flash point	1.00 – 1.02	Flammability limits in air, lower, % by volume	Not available
Density	Not available	Flammability Limits in Air, Upper, % by Volume	Not available
Repartition coefficient	Not available	Vapour density	Not available

SECTION 10 : STABILITY AND REACTIVITY	
Reactivity:	None known.
Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Do not mix with incompatible materials.
Incompatible materials	Oxidizers.
Hazardous decomposition product :	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

SECTION 11 : TOXICOLOGICAL INFORMATION				
Composant	CAS	LC50 (4hr) inh, rat	DL50 (Oral, rat)	DL50 (cutané, rat)
N.N dimethyltetracyclamine N-Oxide	3332-27-2	Not available	500 – 1000 mg/kg	2174 mg/kg
Ethoxyl Alcohol C12-C15	68131-39-5	Not available	1600 mg/kg	Not available
Hydrogen Peroxide	7722-84-1	Not available	75 mg/kg rat ; 2000 mg/kg mice	Not available
<b>Effects of acute exposure</b>				
Eye :	May cause irritation			
Skin :	May cause irritation			
Inhalation :	May cause respiratory tract irritation			
Ingestion :	May cause stomach distress, nausea or vomiting			
Sensitization :	Non-hazardous by WHMIS criteria			
Chronic Effects :	Non-hazardous by WHMIS criteria			
Carcinogenicity :	Contains a potential carcinogen ingredient			
Reproductive effect:	Non-hazardous by WHMIS criteria			
Teratogenicity:	Non-hazardous by WHMIS criteria			
Mutagenicity:	Non-hazardous by WHMIS criteria			
Synergistic substances:	Not available			
<b>ACGIH - Threshold Limit Values - Carcinogens</b>				
Hydrogen Peroxide	7722-84-1	A3 - Confirmed animal carcinogen with unknown relevance to humans		
<b>IARC - Groupe 3 (Inclassables)</b>				
Hydrogen Peroxide	7722-84-1	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 36 [1985]		



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SECTION 12 : ECOLOGICAL INFORMATION		
<b>Ecotoxicity :</b>		
<b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b>		
N.N dimethyltetraclamine N-Oxide	3332-27-2	Not available
Ethoxyl Alcohol C12-C15	68131-39-5	Not available
Hydrogen Peroxide	7722-84-1	96 Hr LC50 Pimephales promelas:16.4 mg/L: 3 mg/L 96 Hr LC50 Lepomis macrochirus: 18-56 mg/L 96 Hr LC50 Oncorhynchus mykiss: 10.0-32.0 mg/L [static].
<b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>		
N.N dimethyltetraclamine N-Oxide	3332-27-2	Not available
Ethoxyl Alcohol C12-C15	68131-39-5	Not available
Hydrogen Peroxide	7722-84-1	48 Hr EC50 Daphnia vulgaris: 7.7 mg/L; 48Hr EC50 Daphnia vulgaris : 18-32 mg/L [static]
Persistence and degradability	Not available	
Bioaccumulation/accumulation	Not available	
Mobility in environmental media	Not available	
Environmental effects	Not available	
Aquatic toxicity	Not available	
Partition coefficient	Not available	
Chemical fate information	Not available	
Other adverse effects	Not available	

SECTION 13 : DISPOSAL CONSIDERATIONS	
<b>Disposal instructions</b>	Review federal, provincial, and local government requirements prior to disposal.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

SECTION 14 : TRANSPORT INFORMATION
<b>Transportation of Dangerous Goods (TDG - Canada) :</b> Not regulated as dangerous goods.

SECTION 15 : REGULATORY INFORMATION			
<b>Canadian federal regulations</b>	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.		
<b>Canada - WHMIS - Ingredient Disclosure List</b>			
Hydrogen peroxide	7722-84-1	1 %	<b>WHMIS labeling:</b> 
<b>WHMIS classification</b>	Class D - Division 2B		
<b>WHMIS status</b>	Controlled		
<b>Canadian inventory status:</b> All components of this product are either on the Domestic Substances List (DSL), the Non Domestic Substances list (NDSL) or exempt.			



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SECTION 16 : OTHER INFORMATION	
HMIS LEGEND	0- Minimal 1-Slight 2-Moderate 3-Serious Health: 1 Flammability : 0 Reactivity : 0
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. MSDS data does not apply to use with any other product or in any other process.
Other information:	For an update MSDS, Please contact the supplier/manufacturer listed on the first page of the document. Reference: MSDS of suppliers SIMDUT regulation
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