



MATERIAL SAFETY DATA SHEET

FABRIC SOFTENER DRYER SHEETS

Effective date:03-MAR-2015

SECTION 1 : IDENTIFICATION	
Product name:	FABRIC SOFTENER DRYER SHEETS
Chemical name :	Mixture of fabric softener and perfume into sheet of synthetic fabrics.
Product Use:	Fabric softener
Chemical family :	Mixture of fabric softener
Supplier's name:	LAVO Inc
Address :	11900 Boul. Saint-Jean Baptiste Montréal, Québec Canada H1C 2J3
Telephone :	1-800-361-6898 or 514-526-7783
Emergency phone :	CANUTEC (transport) 1-613-996-6666

SECTION 2 : HAZARD IDENTIFICATION	
Emergency Overview	CAUTION. MAY CAUSE EYES IRRITATION. MAY CAUSE SKIN IRRITATION.
POTENTIAL HEALTH EFFECTS:	
Signs and symptoms of short-term (acute) exposure	
Eyes :	May cause irritation, tearing and redness.
Skin :	May cause irritation.
Ingestion :	May cause stomach distress, nausea, vomiting or diarrhea
Inhalation :	May cause respiratory tract irritation or cough.
Target organs:	Eyes. Skin.
Effects of long-term (chronic) exposure :	Prolonged or repeated contact may cause drying, cracking and de-fatting of the skin.
Signs and symptoms:	Symptoms may include redness, oedema, drying, de fatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Potential environmental effect :	Not available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredients	CAS	Conc
C14-C18 dialkyldimethylammonium methylsulfate	68002-58-4	100

SECTION 4 : FIRST AID MEASURES	
Eye contact :	Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.
Skin contact:	Flush with cool water. Obtain medical attention if irritation persists.
Ingestion :	Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Inhalation :	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Notes for physician :	Treat symptomatically.
General advice :	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	
Fire hazards/conditions of flammability:	Not available.
Extinguishing media:	Treat for surrounding material.
Protection of firefighters:	
Specific hazards arising from the chemical:	Not available.
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products :	CO, CO ₂ , NO _x , Oxides of Sulfure and other toxic products from the decomposition.

SECTION 6 : ACCIDENTAL RELEASE MEASURES	
Personal precautions:	Keep unnecessary personnel away. Do not touch or walk through spilled material unless wearing appropriate protective clothing. The dryer sheets create a slippery floor. Keep people away from and upwind of spill/leak. Ensure adequate ventilation.
Environmental precautions:	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment:	Stop leak if you can do so without risk. Prevent entry into waterways, Sewers, basements or confined areas.
Methods for cleaning up :	Before attempting clean up, refer to hazard data given above. Use a vacuum or broom to pick up the damage and place in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

SECTION 7 : HANDLING AND STORAGE	
Safe Handling procedures:	Use good industrial hygiene practices in handling this material. Avoid contact with eyes and skin. Avoid breathing dust. Wash hand before eating, drinking or smoking.
Storage requirements :	Keep out of reach of children.
Storage temperature:	5-30 C. Do not freeze. Avoid high temperature.

SECTION 8 : EXPOSITION CONTROL/PERSONAL PROTECTION		
Exposition limit values	ACGIH TLV	
	CAS	TWA
Ingredients		
C14-C18 dialkyldimethylammonium	68002-58-4	N/A
Engineering controls:	General ventilation normally adequate.	
Eye/Face protection:	May cause irritation, redness, tearing and blurred vision.	
Skin and body protection:	May cause irritation during prolonged contact. May cause an allergic reaction.	
Respiratory protection:	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.	
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice. Do not eat or drink during handling this product. Wash hands before breaks and immediately after handling the product.	

SECTION 9 : PHYSICAL AND CHEMICAL PROPRIÉTÉS			
Physical state	Solid adsorbed into the textile sheet	Appearance	Thin fabric, white and rough
Odour	Fragrant various	Odor threshold	Not available
pH 2500 ppm solution	5.5	Water Solubility	insoluble
Boiling point	Not available	Evaporation Rate	Not available
Freezing point	Not available	Viscosity	Not available
Vapour Pressure mmHg @ 20 °C/68 °F)	Not available	Auto-ignition temperature	Not available
Flash point / Pour point	>93 °C	Flammability limits in air, lower %vol	Not available
Density	Not available	Flammability limits in air, upper %vol	Not available
Repartition Coefficient water/oil	Not available	Vapour density	Not available



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SECTION 10 : STABILITY AND REACTIVITY	
Reactivity:	Not applicable
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Avoid excessive heat and ignition sources.
Incompatible materials:	Avoid oxidizing agents.
Hazardous decomposition products:	May include and are not limited to: CO, CO ₂ , NO _x , Oxides of sulfur and other toxic products from decomposition.

SECTION 11 : TOXICOLOGICAL INFORMATION (cont'd)				
Ingredients	CAS	LC50(4hr)inh, rat	LD50 (Oral, rat)	LD50 (Rabbit, dermal)
C14-C18 dialkyldimethylammonium methylsulfate	68002-58-4	N/A	N/A	N/A
Effects of acute exposure:				
eyes :	May cause irritation.			
Skin :	May cause irritation.			
Inhalation:	May cause respiratory tract irritation.			
Ingestion :	May cause stomach distress, nausea or vomiting.			
Sensitization to material :	Not available.			
Chronic effects:	None known.			
Carcinogenicity :	None known.			
Reproductive effects:	None known.			
Teratogenicity :	None known.			
Mutagenicity:	None known.			
Synergistic Products :	None known.			

SECTION 12 : ECOLOGICAL INFORMATION			
Ecotoxicity - Freshwater Fish - Acute Toxicity Data:		Not available.	
Ecotoxicity - Water Flea - Acute Toxicity Data:		Not available.	
Persistence and degradability:	Not available.	Aquatic toxicity:	Not available.
Bioaccumulation Potential:	Not available.	Partition coefficient	Not available.
Mobility in environmental media:	Not available.	Partition coefficient	Not available.
Environmental effects:	Not available.	Partition coefficient	Not available.

SECTION 13 : DISPOSAL CONSIDERATIONS	
Disposal instructions:	Dispose in accordance with all applicable federal, state, provincial and local regulations.
Waste from residues / Unused products:	Not available.
Contaminated packaging	Not available.



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SECTION 14 : TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG - Canada) : Not regulated as dangerous goods.

SECTION 15 : REGULATORY INFORMATION

Canadian federal regulations : 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.

WHMIS classification : Class D 2B

WHMIS labeling:



Inventory Status: All components of this product are on the Domestic list of substances(DLS), non domestic list of substances (NDSL) or exempts.

SECTION 16 : OTHER INFORMATION

HMIS Rating; Chronic hazard: 0- Minimal 1-Slight 2-Moderate 3-Serious

Health : 1 Flammability : 1 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 updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.
References: MSDS of suppliers
SIMDUT regulation

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