



LAVO  
11900 Boul. Saint-Jean Baptiste  
Montréal, QC, H1C 2J3  
CANADA  
1-800-361-6898

**PRODUCT: OLD DUTCH Fabric Softener, Gentle Fresh**

**CODE: ODF03-2432**

### SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:..... OLD DUTCH Fabric Softener, Gentle Fresh  
 PRODUCT CODE(S)..... OD F03-2432  
 RECOMMENDED USE:..... Liquid Fabric Softener. Domestic use.  
 CHEMICAL FAMILY..... Mixture.  
 MANUFACTURING NAME AND ADDRESS LAVO  
 11900 Boul. Saint-Jean-Baptiste  
 Montréal, QC, H1C 2J3  
 CANADA  
 1-800-361-6898  
 24 HOUR EMERGENCY NUMBER:..... CANUTEC 24-Hour Number: 613-996-6666.

### SECTION 02: HAZARD IDENTIFICATION



SIGNAL WORD..... WARNING.  
 GHS CLASSIFICATION:..... Skin Corrosion/Irritation Category 3. Eye Irritation Category 3. Acute aquatic toxicity Category 2.  
 HAZARD STATEMENTS..... H320 Causes eye irritation. H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. H402 Harmful to aquatic life.  
 PRECAUTIONARY STATEMENTS..... P280 Wear protective gloves/protective clothing/eye protection/face protection. P281 Use personal protective equipment as required. P270 Do not eat, drink or smoke when using this product. P264 Wash thoroughly after handling. P301+P310: IN CAS OF SWALLOWED: Call IMMEDIATELY a POISON CENTER or physician. P305+P351+P338: IN CAS OF CONTACT WITH EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse. P403+P235 Store in a well-ventilated place. Keep cool. P501: Dispose of contents/container to an approved waste disposal plant.

### SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Methyl bis(ethyltallowate) Hydroxyethyl ammonium methyl sulfate	157905-74-3	4.0-5.0
Ethanol	64-17-5	0.5-0.75

### SECTION 04: FIRST AID MEASURES

ROUTES OF EXPOSURE..... Eye, Skin, Ingestion and Inhalation.  
 EYE CONTACT..... Immediately hold eyelids open and flush with water for at least 15 minutes. Check for and remove any contact lenses if easy to do. Call a poison center or physician.  
 SKIN CONTACT..... Wash affected area immediately with large amounts of soap and water. Obtain medical attention if irritation develops or persists.  
 INHALATION..... Seek medical attention. if symptoms develop move victim to fresh air.  
 INGESTION..... Call IMMEDIATELY a poison centre or a doctor. Do not induce vomiting or give anything by mouth to an unconscious person. Rinse out mouth with water.  
 ACUTE SYMPTOMS/EFFECTS  
 Eyes:..... May irritate eyes.  
 Ingestion:..... May be harmful if swallowed.  
 Inhalation:..... May cause respiratory tract irritation.  
 Skin:..... May irritate skin.  
 DELAYED SYMPTOMS/EFFECTS..... Prolonged or repeated contact may cause drying, cracking and de fattening of the skin. In case of ingestion or inhalation the following symptoms may occur; headache, inebriation, unconsciousness.

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**SECTION 04: FIRST AID MEASURES**

GENERAL ADVICE:..... Consult a physician. Show this safety data sheet to the doctor.

**SECTION 05: FIRE FIGHTING MEASURES**

CONDITIONS OF FLAMMABILITY..... Non-flammable substance.  
 SUITABLE EXTINGUISHING MEDIA..... Use fire-extinguishing media appropriate for surrounding materials.  
 UNSUITABLE EXTINGUISHING MEDIA.. None known.  
 SPECIAL PROTECTIVE EQUIPMENT .... Firefighter should wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode.  
 AND PRECAUTIONS FOR FIREFIGHTERS  
 HAZARDOUS COMBUSTION PRODUCTS May include and are not limited to: Oxides of carbon.  
 EXPLOSION HAZARDS:  
 Sensitivity to static discharge:..... No information available.  
 Sensitivity to mechanical impact: No information available.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

PERSONNEL PRECAUTIONS:..... Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure clean up is conducted by trained personnel only. Do not touch and walk through spilled material. All persons dealing with clean up should wear the appropriate protective equipment including self contained breathing apparatus. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personnel protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.  
 ENVIRONMENTAL PRECAUTIONS:..... Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Prevent further leakage or spillage if safe to do.  
 METHODS AND MATERIALS FOR ..... Stop leak if you can do so without risk. Contain and absorb spilled liquid with non combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal. Flush with water. Do not flush into surface water or sanitary sewer system. Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required. Small spills may be absorbed with non-reactive absorbent and placed in suitable covered, labeled containers. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.  
 CONTAINMENT AND CLEANING

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES..... Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Keep container tightly closed.  
 STORAGE NEEDS..... Keep out of reach of children. Keep container tightly closed. Store in a cool, dry, well-ventilated area.  
 STORAGE TEMPERATURE..... 5 - 30°C. Avoid high temperature. Do not freeze.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	

Methyl bis(ethyltallowate) Hydroxyethyl ammonium methyl sulfate	No information available	No information available	No information available	No information available	No information available
Ethanol	1000ppm	1000 ppm	No information available	No information available	1000 ppm

ACGIH TLV:..... American Conference of Governmental Industrial Hygienists - Threshold Limit Value.  
 OSHA PEL:..... Occupational Safety and Health Administration - Permissible Exposure Limits.  
 NIOSH IDLH:..... Immediately Dangerous to Life or Health.

ENGINEERING CONTROLS:..... General ventilation.

GENERAL HYGIENE CONSIDERATIONS: 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.

PERSONNEL PROTECTION EQUIPMENT: As required by employer. Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workspace.

Eye / Face protection:..... Wear safety glasses with side shields or goggles.  
 Hand protection:..... Wear protective gloves. Gloves must be inspected prior to use.  
 Respiratory protection:..... Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Use a full face respirator with multi-purpose combination or Wear self contained breathing apparatus.

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**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE..... Viscous liquid.  
 COLOUR..... Colored mixture.  
 ODOUR..... Perfumed.  
 ODOUR THRESHOLD (ppm)..... No information available.  
 pH..... 2.7-4.5.  
 DENSITY..... 1.00-1.02.  
 % SOLID..... 3.0-5.0.  
 FREEZING POINT ( °C)..... No information available.  
 BOILING POINT (°C)..... No information available.  
 FLASH POINT (°C), Method..... No information available.  
 EVAPORATION RATE..... No information available.  
 VAPOUR PRESSURE (mm Hg)..... No information available.  
 VAPOUR DENSITY (AIR=1)..... No information available.  
 SOLUBILITY IN WATER (% W/W)..... Soluble in water.  
 COEFFICIENT OF WATER/OIL ..... No information available.  
 DISTRIBUTION  
 AUTO IGNITION TEMPERATURE (°C).... No information available.  
 DECOMPOSITION TEMPERATURE..... No information available.  
 REFRACTIVE INDEX..... 3.0-5.0.  
 VISCOSITY..... 0-100 cps.

**SECTION 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY..... Stable under the recommended storage and handling conditions prescribed.  
 REACTIVITY..... This product may react with strong oxidants.  
 HAZARDOUS POLYMERIZATION..... Hazardous polymerization cannot occur.  
 CONDITIONS TO AVOID..... Avoid heat, flame and contact with strong oxidizing agents.  
 INCOMPATIBILITY..... Strong oxidizing agents.  
 HAZARDOUS PRODUCTS OF ..... May include and are not limited to: Oxides of carbon.  
 DECOMPOSITION

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Methyl bis(ethyltallowate) Hydroxyethyl ammonium methyl sulfate	No information available	Oral >2000mg/kg Rat
Ethanol	Inh 4hrs Rat 31623ppm;	Oral Rat 7000mg/kg; Dermal Rabbit 20000mg/kg;
ROUTE OF EXPOSURE.....	Eyes, skin, respiratory system and digestive system.	
POTENTIAL EFFECTS ON HUMANS		
Eye contact.....	Causes eye irritation.	
Skin contact.....	Causes skin irritation.	
Inhalation.....	May cause respiratory irritation.	
Ingestion.....	May cause stomach distress, nausea or vomiting.	
CHRONIC EFFECTS ON HUMANS.....	Non hazardous.	
SENSITIZATION.....	Non hazardous. This mixture contains: CAS:26172-55-4 CIT: 5-chloro-2-methyl-2H-isothiazol-3-one <0.01% ; CAS:2682-20-4 MIT:2-methyl-2H-isothiazol-3-one <0.01%. Perfume <0.5% ;	
TARGET ORGANS.....	No information available.	
CARCINOGENICITY.....	No evidence of carcinogenic effects.	
Carcinogen classification code American Conference of Governmental ... Industrial Hygienists, ACGIH	A4 - Not classifiable as a human carcinogen.	
International Agency for Research on Cancer, IARC	3 - Group 3:Not classifiable as to its carcinogenicity to humans.	
CAS:64-17-5 Ethanol.....	Ethanol: US ACGIH confirmed animal carcinogen with unknown relevance to humans.	
MUTAGENICITY.....	No information available.	
REPRODUCTIVE EFFECTS.....	No information available.	
TERATOGENICITY.....	No information available.	
SPECIFIC TARGET ORGANS TOXICITY - Single exposure	No information available.	
SPECIFIC TARGET ORGANS TOXICITY - Repeated exposure	No information available.	
ASPIRATION HAZARD.....	No information available.	
SIGNS AND SYMPTOMS OF EXPOSURE	Prolonged or repeated contact may cause drying, cracking and defatting of the skin.	
SYNERGISTIC MATERIALS.....	No information available.	

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**SECTION 12: ECOLOGICAL INFORMATION**

MOBILITY IN SOIL..... No information available.  
 BIODEGRADABILITY..... Expected to be biodegradable.  
 BIOACCUMULATION..... No information available.  
 OTHER ADVERSE EFFECTS

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... The disposal of the product must be made in an approved sanitary landfill or in a foundry in accordance with state, provincial and/or federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

Domestic Substances list, DSL..... All components of this product are either on the Domestic Substances List, the Non Domestic Substances List or exempt.  
 TDG CLASSIFICATION..... Not regulated.  
 DOT US: Department of Transport US..... Not regulated.  
 IMDG: International Maritime Dangerous Goods . Not regulated.  
 IATA: International Air Transportation Association ..... Not regulated.

**SECTION 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION..... This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this document contains all the information required by the Controlled Products Regulations.

**SECTION 16: OTHER INFORMATION**

SOFT R 3-5..... F03-2432/  
 DISCLAIMER:..... The information in the 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.  
 PREPARED BY: ..... Regulatory Affairs  
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