



LAVO
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CANADA
1-800-361-6898

PRODUCT: HERTEL Disinfecting Wipes, Lemon Zest & Eucalyptus

CODE: HEF6836-340

SECTION 01: IDENTIFICATION

Product identification..... HERTEL Disinfecting Wipes, Lemon Zest & Eucalyptus
 Product code..... HE F6836-340
 Recommended use..... Disinfectant of hard surfaces non porous. Could be used in food processing establishments. Institutional and industrial establishments. Domestic use.
 Manufacturer by..... LONZA Inc
 90 Boroline Road, Allendale
 NJ, 07401, USA
 Manufacturer for..... LAVO.
 Business telephone..... 1- 800-361-6898.
 Business hours..... 8:00AM - 4:30PM.
 24 HOUR EMERGENCY NUMBER..... CANUTEC 24-Hour Number: 613-996-6666.

SECTION 02: HAZARD IDENTIFICATION

Signal word..... WARNING.
 Hazard classification..... Skin Corrosion/Irritation Category 3. Eye Irritation Category 3.
 Hazard statements..... H320 Causes eye irritation. H316 Causes mild skin irritation. H302 Harmful if swallowed.
 Precautionary statements..... P262 Do not get in eyes, on skin, or on clothing. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P264 Wash thoroughly after handling. P305+P351+P338 IF IN 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. P301+P310: IN CAS OF SWALLOWED: Call IMMEDIATELY a POISON CENTER or physician. P330 Rinse mouth. P331: Do not induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P402+P404: Store in a dry place in a closed container. P501 Dispose of contents/container to an approved waste disposal plant.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Dimethyl benzyl ammonium chloride	68424-85-1	0.1212
Octyl decyl dimethyl ammonium chloride	32426-11-2	0.0909
Didecyl dimethyl ammoniumchloride	7173-51-5	0.0545
Diocetyl dimethyl ammonium chloride	5538-94-3	0.0360

SECTION 04: FIRST-AID MEASURES

Inhalation..... Seek medical attention. if symptoms develop move victim to fresh air.
 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 with large amount of water. Obtains medical attention if irritation develops or persists.
 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
 Inhalation:..... May cause respiratory tract irritation.
 Skin:..... May irritate skin.
 Eyes:..... May irritate eyes.
 Ingestion:..... May be harmful if swallowed.
 Delayed symptoms/Effects..... Prolonged or repeated contact may cause drying, cracking and de fatting of the skin.
 General advice..... Consult a physician. Show this safety data sheet to the doctor.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media..... Use fire-extinguishing media appropriate for surrounding materials. Foam & dry chemical. Water spray. Use water spray to cool unopened containers.
 Unsuitable extinguishing media..... None known.
 Special protective actions for fire-fighters. Firefighter should wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode.
 Specific hazards arising from the chemical May include and are not limited to: Toxic gases.

PRODUCT: HERTEL Disinfecting Wipes, Lemon Zest & Eucalyptus**CODE: HEF6836-340****SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personnal precautions.....	Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Avoid dust formation. All persons dealing with clean up should wear the appropriate protective equipment including self contained breathing apparatus. Use personnel protective equipment. Ensure adequate ventilation.
Protective equipment.....	Use personnel protective equipment.
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 containment and cleaning	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.

SECTION 07: HANDLING AND STORAGE

Precaution for safe handling.....	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.
Condition for safe storage.....	Keep out of reach of children. Keep container tightly closed. Store in a cool, dry, well-ventilated area. Keep away from food.
Storage temperature.....	Do not freeze.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Dimethyl benzyl ammonium chloride	Not available	Not available	Not available	Not available	Not available	Not available
Octyl decyl dimethyl ammonium chloride	Not available	Not available	Not available	Not available	Not available	Not available
Didecyl dimethyl ammoniumchloride	Not available	Not available	Not available	Not available	Not available	Not available
Diocetyl dimethyl ammonium chloride	Not available	Not available	Not available	Not available	Not available	Not available
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.					
Appropriate engineering controls.....	General ventilation. Eyewash station.					
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.					
Personnal protection equipment (PPE).....	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.					
Skin 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.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance, physical state.....	Wet non-woven fabric.
Colour.....	White to off-white.
Odour.....	Perfumed .
Melting point / Freezing point (°C).....	Not applicable.
Boiling point (°C).....	Not applicable.
Flammability.....	Not available.
Upper/Lower Flammability or explosive ... limits	Not available.
Flash point (°C).....	>200°F (93.34°C).
Auto ignition temperature (°C).....	Not available.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Decomposition temperature..... Not available.
 pH..... 8.0-12.0.
 Viscosity..... 200-600cps.
 Solubility in water (%w/w)..... Soluble in water.
 Partage coefficient n-octanol/water (log)... Not available.
 Vapour pressure (mmHg)..... Not available.
 Evaporation rate..... Not available.
 Density..... 1.00-1.02.
 Relative Vapour Density (AIR=1)..... Not available.
 Refractive Index..... Not available.
 VOC %..... Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity..... Stable under the recommended storage and handling conditions prescribed.
 Chemical stability..... Stable under the recommended storage and handling conditions prescribed.
 Possibility of hazardous reactions..... None known.
 Conditions to avoid..... None known.
 Incompatible materials..... Strong oxidizing agents.
 Hazardous decomposition products..... Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Dimethyl benzyl ammonium chloride	Not available	Oral Rat 50-500mg/kg; Dermal Rat >2000mg/kg;
Octyl decyl dimethyl ammonium chloride	Not available	Not available
Didecyl dimethyl ammoniumchloride	Not available	Oral Rat 84mg/kg;
Diocetyl dimethyl ammonium chloride	Not available	Not available
Acute toxicity		
Skin corrosion/irritation.....	Non irritant.	
Serious eye damage/Irritation....	Non irritant.	
Respiratory or skin Sensitivation.	Harmful if inhaled.	
Sensitization.....	Non hazardous.	
This mixture contains:.....	Perfume:<1.0%.	
Mutagenicity.....	Not available.	
Carcinogenicity.....	No evidence of carcinogenic effects.	
Reproductive toxicity.....	Not available.	
Specific target organs toxicity - Single exposure	Not available.	
Specific target organs toxicity - Repeated exposure	Not available.	
Aspiration hazard.....	Not available.	

SECTION 12: ECOLOGICAL INFORMATION

Toxicity..... The product is not expected to be hazardous to the environment.
 Persistence and degradability..... No data available.
 Bioaccumulation potency..... No data available.
 Mobility in soil..... No data available.
 Other adverse effects..... No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods..... Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Observe all local, provincial/state and federal environmental regulations. Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... Not regulated.
 DOT US: Department of Transport US..... Not regulated.
 IMDG: International Maritime Dangerous Goods . Not regulated.

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SECTION 14: TRANSPORT INFORMATION

IATA: International Air Transportation Not regulated.
Association

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

WIPD..... F6836-340.

Disclaimer:..... The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. LAVO 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. SDS data does not apply to use with any other product or in any other process.

Prepared by: Regulatory Affairs
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