

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: LEMINEE 64
Product Use: DISINFECTANT / CLEANER
Manufacturer: AVMOR LTEE.
Address: 433 STE. HELENE, MONTREAL, QC.
Telephone Number: (450) 629-3800 Fax: (450) 629-4355

Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	LD ₅₀	LC ₅₀
Dialkyl dimethyl ammonium chloride	68424-95-3	1 – 5 %	Acute: 455 mg/kg (oral/rat)	Not found.
Alkyl dimethyl benzyl ammonium chloride (C 12 – 16)	68424-85-1	1 – 5 %	Acute: 426 mg/kg (oral/rat)	Not found.
Ethoxylated C12-15 alcohol (9 E.O)	68131-39-5	1 – 5 %	Acute: 4150 mg/kg (oral/rat)	Not found.
Tetrasodium ethylene Diaminetetraacetate	64-02-8	.5 – 1.5 %	Acute: 3030 mg/kg (oral/rat)	Not found.
Ethyl alcohol	64-17-5	0.1 – 1%	ORAL: Acute: 8300 mg/kg (mouse) 13700 mg/kg (rat) 17500 mg/kg (rat)	Not found.

SECTION III - PHYSICAL DATA

Physical State: LIQUID **Specific gravity:** 1.00 - 1.01 (Water = 1)
pH (Concentrate): 6.0 – 6.6 **pH (Solution in water):** 6.0 – 6.6
Odour and appearance: FLUORESCENT YELLOW LIQUID. LEMON-LIKE FRAGRANCE.
Odour threshold: Not available.
Vapour pressure (mm/hg @20C°): Not available. **Evaporation rate (water = 1):** Not available.
Vapour density (air = 1): > 1 (Highest known value Ethoxylated C12-15 alcohol)
% volatile by volume: Not available.
Solubility in water: EASILY SOLUBLE IN COLD AND HOT WATER.
Boiling Point (C °): 106.31 ° C (Weighted average) **Freezing Point (C °):** Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NO **Flash Point (C °) and method:** NONE
Upper flammable limit: Not applicable. **Lower flammable limit:** Not applicable.
Autoignition temperature: Not applicable. **Flammability classification:** NONE
Conditions of flammability: NONE. **Special fire fighting procedures:** NONE.
Means of extinction: DRY CHEMICAL, CO₂, WATER SPRAY OR FOAM.
Hazardous combustion products: CARBON OXIDES (CO, CO₂) NITROGEN OXIDES (NO, NO₂) HALOGENATED COMPOUNDS, HYDROGEN CHLORIDE GAS AND AMMONIA.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

PRODUCT IDENTIFIER: LEMINEE 64

SECTION V - REACTIVITY DATA

Is the product stable: **YES - STABLE.** Conditions of Reactivity: **NONE**
Incompatible substances: **SLIGHTLY REACTIVE TO REACTIVE WITH STRONG OXIDIZING AGENTS AND STRONG ACIDS.**
Hazardous decomposition products: **CARBON OXIDES (CO, CO₂) NITROGEN OXIDES (NO, NO₂), HALOGENATED COMPOUNDS, HYDROGEN CHLORIDE GAS AND AMMONIA.**

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: **SKIN AND EYE CONTACT, INHALATION AND INGESTION.**
WHMIS Classification: **DIN REGISTERED PRODUCT.**
Irritant: **THIS PRODUCT MAY IRRITATE SKIN AND EYES ON CONTACT.**
Exposure limits: **NOT ESTABLISHED FOR THIS PRODUCT OR ITS INGREDIENTS.**
Carcinogen: **NOT AVAILABLE - ACGIH, OSHA, NTP.** Mutagen: **NO**
Sensitizer: **MAY CAUSE SKIN SENSITIZATION** Synergistic products: **NONE KNOWN**
Developmental toxicity: **REPEATED OR PROLONGED EXPOSURE TO SPRAY MIST CAN PRODUCE TARGET ORGAN DAMAGE .** Effects of acute exposure: **Eyes: IRRITATION ON CONTACT. Skin: IRRITATION ON CONTACT. MAY CAUSE SKIN SENSITIZATION Ingestion: HARMFUL IF SWALLOWED.**
Effects of chronic exposure: **REPEATED OR PROLONGED CONTACT WITH SPRAY MIST MAY PRODUCE CHRONIC EYE IRRITATION AND SEVERE SKIN IRRITATION AND RESPIRATORY TRACTON LEADING TO FREQUENT ACTTACKS OF BRONCHIAL INFECTION.**

SECTION VII - PREVENTION MEASURES

Gloves: NEOPRENE GLOVES	Respirator: WEAR APPROPRIATE RESPIRATOR IF VENTILATION IS INADEQUATE.	Eye protection: SAFETY GLASSES
Footwear: BOOTS IN CASE OF A SPILL OR FIRE SITUATION.	Clothing: FULL SUIT, APRON IN CASE OF A SPILL OR FIRE SITUATION	Other requirements: EYE WASH STATION AND SAFETY SHOWER

Engineering Controls: **PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE CONCENTRATION OF VAPOURS BELOW TLVs.** Respiratory protection: **USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR SPRAY MISTS. WEAR APPROPRIATE RESPIRATOR WHERE VENTILATION IS INADEQUATE.** Leak or spill procedures: **SOAK UP WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING CONTAMINATED SURFACE WITH WATER ON THE CONTAMINATED SURFACE.**
Waste disposal: **DISPOSE OF MATERIAL ACCORDING TO MUNICIPAL, PROVINCIAL AND FEDERAL AUTHORITIES. CONSULT LOCAL OR REGIONAL AUTHORITIES.** Handling and storage requirements: **STORE IN A COOL WELL- VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED. KEEP LOCKED UP OUT OF THE REACH OF CHILDREN.** Special shipping information: **NOT CONTROLLED BY T.D.G.**

SECTION VIII - FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION.
Skin: GENTLY AND THOROUGHLY WASH CONTAMINATED SKIN WITH RUNNING WATER AND NON-ABRASIVE SOAP. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.
Ingestion: DO NOT INDUCE VOMITING. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION.
Inhalation: ALLOW THE VICTIM TO REST IN A WELL-VENTILATED AREA. SEEK IMMEDIATE MEDICAL ATTENTION.

SECTION IX - PREPARATION DATA

Information Sources: **SUPPLIERS' MATERIAL SAFETY DATA SHEET**
Prepared by: **SHARE CANADA** Telephone: **1-204-633-8553**
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