



1 – IDENTIFICATION

IDENTIFIER	Aroma diffuser oNature (various aromas)
PRODUCT CODE	
RECOMMENDED USE	Aroma diffuser.
RESTRICTIONS ON USE	
SUPPLIER / MANUFACTURER	TOTAL FABRICATION 511 Route 289 St-Alexandre-de-Kamouraska, Qc G0L 2G0 418-970-0889
EMERGENCY TELEPHONE	418-970-0889 Monday to Friday, 9h00 to 17h00

2 – HAZARD IDENTIFICATION

CLASSIFICATION	Flammable liquid 2 Skin irritation 2 Eye irritation 2B Specific target organ exposure, single exposure; Respiratory tract irritation 3 Specific target organ exposure, single exposure; Narcotic effect 3	
LABEL ELEMENTS	 	
SIGNAL WORD	DANGER	
HAZARD STATEMENT	H225 H315 H320 H335 H336	Highly flammable liquid and vapour. Causes skin irritation. Causes eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.
PRECAUTIONARY STATEMENTS – PREVENTION	P210 P233 P240 P241 P242 P243 P280 P264 P261 P271	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves / protective clothing / eye protection / face protection. Wash hands thoroughly after handling. Avoid breathing dust / fume / gas / mist / vapours / spray. Use only outdoors or in a well-ventilated area.
PRECAUTIONARY STATEMENTS – RESPONSE	P303+P361+P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water (or shower).

	P302+P352 P321 P332+P313 P362+P364 P305+P351+P338 P337+P313 P304+P340 P312 P370+P378	IF ON SKIN: Wash with plenty of water. Specific treatment: Cover irritated skin with an emollient. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. In case of fire: Use chemical powder or CO2 to extinguish.
PRECAUTIONARY STATEMENTS – STORAGE	P403+P235 P233 P405	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
PRECAUTIONARY STATEMENTS - ELIMINATION	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
OTHER HAZARDS	Not applicable.	

3 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S.	CONCENTRATION
Ethyl alcohol	64-17-5	80 – 100 *
Fragrance	Mixture	10 – 30 *

* TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

4 – FIRST AID MEASURES

ROUTE OF EXPOSURE	Inhalation, eyes, skin, ingestion
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INHALATION	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
DERMAL	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
OCULAR	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
ORAL	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
NOTE TO PHYSICIAN	Specific treatment: Symptoms of ethanol poisoning vary with blood alcohol level. Mild intoxication occurs at blood levels between 0.05% and 0.15% and approximately 25% of individuals will show signs of intoxication at these levels. At rates exceeding 0.15%, the individual is categorically intoxicated and 50% to 95% of all individuals will show clinical signs of intoxication. Poisoning occurs at blood alcohol levels of the order of 0.3% to 0.5%. At rates exceeding 0.5%, the individual will be comatose and death is possible. Unabsorbed ethanol should be removed by

gastric lavage performed after intubation of the patient, to prevent pulmonary aspiration. Avoid administration of depressant drugs or excessive administration of fluids. This product also contains an ingredient of relatively low toxicity: denatonium benzoate.

5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use chemical powder or CO2 to extinguish.
UNSUITABLE EXTINGUISHING MEDIA	Direct water jet may disperse product and spread the fire.
SPECIFIC HAZARDS	Carbon oxides, acrid smoke. This product emits vapors which may travel or be carried by air currents and which may ignite on contact with pilot lights, other flames, sparks, heating elements, electrical equipment, static electricity or any other ignition source located at a distance from the point of origin.
PROTECTIVE EQUIPMENT	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
PRECAUTIONS	Do not let water run-off reach sewers, ditches or waterways. Use water spray or atomizer to cool containers and structures exposed to fire.

6 – ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT	Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.
CONTAINMENT AND CLEAN UP	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
ENVIRONMENTAL PRECAUTIONS	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

7 – HANDLING AND STORAGE

HANDLING	Containers must be identified correctly. Handle in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.
STORAGE	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.
INCOMPATIBLE MATERIALS	Oxidizing agents, acids, alkalis.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
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Ethyl alcohol	64-17-5	CNESST OSHA NIOSH NIOSH	TWA 1000 ppm (1880 mg/m ³) TWA 1000 ppm (1880 mg/m ³) TWA 1000 ppm (1880 mg/m ³) IDLH 3300 ppm
Fragrance	Mixture		No established limits.

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
RESPIRATORY PROTECTION	Maintain atmospheric concentrations below exposure limits. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.
PROTECTIVE EQUIPMENT AND CLOTHING	Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Ensure that eyewash stations, showers and cleaning stations are near to workstation.
OCULAR PROTECTION	Chemical goggles; also wear a face shield if splashing hazard exists.
GENERAL HYGIENE RECOMMENDATIONS	Ensure that eyewash stations and safety showers are proximal to the work-station location. Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near workstations. Good hygiene is recommended after using this product. Clean clothing before reuse.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid, transparent, yellowish.
ODOUR	Varied.
ODOUR TRESHOLD	Not available.
pH	Not available.
MELTING / FREEZING POINT	-115°C (estimated).
INITIAL BOILING POINT	78.3°C (estimated).
FLASH POINT	17°C
EVAPORATION RATE	Not available.
FLAMMABILITY	Highly flammable liquid and vapour.
LOWER FLAMMABLE/EXPLOVISE LIMIT	3.3% (pure ethanol).
UPPER FLAMMABLE/EXPLOSIVE LIMIT	19% (pure ethanol).
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	1.56
RELATIVE DENSITY	0.79 – 0.80
SOLUBILITY (in water)	Soluble.
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	370°C
DECOMPOSITION TEMPERATURE	Not available.
VOC	100%
VISCOSITY	< 50 cPs

10 – STABILITY AND REACTIVITY

REACTIVITY	Stable under recommended usage.
CHEMICAL STABILITY	Stable under normal usage conditions.
HAZARDOUS REACTIONS	Polymerization will not occur.
CONDITIONS TO AVOID	Excessive heat, ignition sources, incompatible materials.
INCOMPATIBLE MATERIALS	Oxidizing agents, acids, alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides.
ADDITIONAL INFORMATION	None.

11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	Causes respiratory tract irritation. May cause narcotic effects at high concentrations. Vapors may cause dizziness or suffocation. Systemic toxicity and acidosis can occur. The advanced stages can lead to respiratory failure, kidney failure, coma and death.
DERMAL	Causes skin irritation. Itching, redness.
OCULAR	Severe eye irritant. Ethanol vapors may irritate the eyes. The damage caused by contact with the liquid is reversible and proper medical attention will heal after a few days. The damage caused usually presents in the form of mild conjunctivitis, which manifests itself mainly by redness of the conjunctiva. May cause painful sensitization to light.
ORAL	Ingestion of ethanol may cause dizziness, weakness, fatigue, impaired ability, impaired reflexes, euphoria, abdominal discomfort, nausea, vomiting, staggering gait, lack of coordination and coma. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Systemic toxicity and acidosis can occur. The advanced stages can lead to respiratory failure, kidney failure, coma and death.
CHRONIC EFFECTS	
INHALATION	No data.
DERMAL	Repeated or prolonged exposure can lead to dermatitis and erythema.
OCULAR	No data.
ORAL	Chronic oral exposure to ethanol may result in the development of progressive liver injury with fibrosis.
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	There is no data suggesting a carcinogenic effect related to inhalation of ethyl alcohol vapors. However, several studies indicate that the prolonged ingestion of large amounts of alcoholic beverages, along with smoking, increases the frequency of cancers of the pharynx, larynx, esophagus and liver. (CNESST)
MUTAGENIC EFFECTS	No data.
TERATOGEN EFFECTS	No data.
REPRODUCTION	Ethanol has been identified in studies as developmental toxic when consumed

	as a beverage during pregnancy.
SENSIBILISATION	No data.
TARGET ORGANS	Central nervous system, liver.
AGGRAVATED CONDITIONS	Chronic exposure to ethanol may aggravate liver damage caused by other factors.
SYNERGISTIC SUBSTANCES	No data.

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Ethyl alcohol	64-17-5	13700, rat	15800, lapin	30000 mg/L, 4h, rat
Fragrance	Mixture	No data.	No data.	No data.

12 – ECOLOGICAL INFORMATION

Ethyl alcohol	64-17-5
LC50 > 10000 mg/L, 96h	Oncorhynchus mykiss
LC50 14200 mg/L, 96h	Pimephales promelas
NOEC 9.6 mg/L, 9 jours	Daphnia magna
EC50 275 mg/L, 72h	Chlorella vulgaris


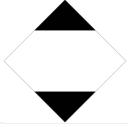
PERSISTENCE AND DEGRADABILITY	Not available.
BIOACCUMULATIVE POTENTIAL	Not available.
SOIL MOBILITY	Not available.
OTHER ADVERSE EFFECTS	Not available.
ADDITIONAL INFORMATION	Do not let material or fire-fighting water run-off enter sewers or waterways. Obstruct drains and ditches. Affected areas must be cleaned and restored to their original conditions or to the satisfaction of the authorities.

13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.
CONTAMINATED PACKAGING	Empty containers should be recycled or disposed of through an approved waste management facility.

14 – TRANSPORT INFORMATION

TRANSPORT OF DANGEROUS GOODS (CANADA)				
UN NUMBER	PROPER SHIPPING NAME	CLASS	PACKING GROUP	PLACARD

UN1987	ALCOHOLS N.O.S. (Ethanol)	3	II	
LIMITED QUANTITY : 1 L				
FLASH POINT		17°C		

MARINE POLLUTANT	No.
SPECIAL PRECAUTIONS	Avoid excessive heat, keep away from ignition sources.

15 – REGULATORY INFORMATION

CANADA	
CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
USA	
TSCA	All components of this product are either listed or exempt from listing on the Toxic Substances Control Act (TSCA) Inventory.

16 – OTHER INFORMATION

VERSION	1.0
DATE	23 juin 2021
PREPARED BY	LABORATOIRE CAMPEAU INC. 61 rue des Menuisiers, local 106 Sainte-Anne-des-Plaines, QC J0N 1H0 450-940-0644
ABBREVIATIONS	ABBREVIATIONS
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
CIRC	Centre International pour la Recherche sur le Cancer
CL / LC	Concentration létale / Lethal concentration
DL / LD	Dose létale / Lethal dose
CE / EC	Concentration efficace / Effective concentration
IARC	International Agency for Research on Cancer
LCPE	Loi Canadienne sur la Protection de l'Environnement
LES/NDSL	Liste extérieure des substances / Non domestic substances list
LIS/DSL	Liste intérieure des substances / Domestic substances list
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)

PEL SIMDUT STEL STOT TCOC TLV TSCA TWA USEPA VECD VEMP WHMIS	Permissible Exposure Limit Système d'information sur les matières dangereuses utilisées au travail Short-term Exposure Limit Specific target organ toxicity Toxicité pour certains organes cibles Threshold Limit Value Toxic Substances Control Act Time Weighted Average United States Environmental Protection Agency Valeur exposition courte durée Valeur exposition moyenne pondérée Workplace Hazardous Materials Information System
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