



CEDAROME
Canada Inc.

3650 boul. Matte, Bureau E-22 Brossard (Québec) Canada J4Y 2Z2
Tél: (450) 659-8000 Fax:(450) 659-8010

MATERIAL SAFETY DATA SHEET

01 – IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

PRODUCT NAME: CITRONELLA OIL BLEND
SYNONYM: NONE
PRODUCT USE: FRAGRANCE
ADDRESS: CEDAROME CANADA INC.
3650 BOUL. MATTE
BROSSARD, QC
J4Y 2Z2 CANADA
PREPARATION DATE OF MSDS: 2013/01/31
LAST UPDATE: 2013/01/31
EMERGENCY NUMBER: 613-996-6666 (CANUTEC)

BY: QUALITY ASSURANCE (450 659 8000)

02 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS NUMBER: MIXTURE
EINECS NUMBER: NOT APPLICABLE
FEMA NUMBER: NOT APPLICABLE

03 – HAZARDS IDENTIFICATION

PHYSICAL AND CHEMICAL HAZARD:

REFER TO THE PARAGRAPHS RELATING TO PHYSICO-CHEMICAL PROPERTIES AND REGULATORY INFORMATION.

HAZARDS TO MAN

REFER TO THE PARAGRAPHS RELATING TO TOXICOLOGICAL DATA AND REGULATORY INFORMATION.

HAZARDS TO THE ENVIRONMENT:

REFER TO THE PARAGRAPHS RELATING TO ECOLOGICAL DATA AND REGULATORY INFORMATION.

04 – FIRST-AID MEASURES

SKIN CONTACT:

WASH WITH LARGE QUANTITIES OF WATER (OR WATER + SOAP). REMOVE CONTAMINATED CLOTHES AND SHOES.
IF IRRITATION PERSISTS OR ANY SIGN OF TISSUE DAMAGE IS APPARENT, OBTAIN MEDICAL ADVICE.

EYE CONTACT:

REMOVE CONTACT LENSES. IRRIGATE COPIOUSLY WITH WATER FOR AT LEAST FIFTEEN MINUTES.
OBTAIN MEDICAL ADVICE IF IRRITATION OR EVIDENCE OF TISSUE DAMAGE PERSISTS.

INGESTION:

RINSE MOUTH WITH WATER. OBTAIN IMMEDIATE MEDICAL ADVICE. DO NOT INDUCE VOMITING.

INHALATION:

IF SYMPTOMS OF OVEREXPOSURE ARE EXPERIENCED, REMOVE THE PERSON TO FRESH AIR AND KEEP AT REST.
OBTAIN MEDICAL AVICE IMMEDIATELY.

05 – FIRE- FIGHTING MEASURES

EXTINGUISHING MEDIA:

RECOMMENDED: CARBON DIOXIDE, SPECIAL LIQUID OR DRY POWDER EXTINGUISHERS.
USABLE: FOAM EXTINGUISHERS.
INADVISABLE: DIRECT WATER JET.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CLOSED CONTAINERS MAY BUILD UP PRESSURE AT ELEVATED TEMPERATURES.
IF POSSIBLE, CONTAINERS SHOULD BE COOLED WITH A WATER SPRAY.

06 – ACCIDENTAL RELEASE MEASURES



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TO AVOID A POSSIBLE CONTAMINATION OF THE ENVIRONMENT, CONTAIN SPILLED MATERIAL.
COVER WITH AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL, SWEEP UP AND REMOVE TO AN APPROVED DISPOSAL CONTAINER.
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
AVOID OPEN FLAMES OR OTHER SOURCES OF IGNITION. AVOID INHALATION OF VAPORS.

07 – HANDLING AND STORAGE

HANDLING

MEASURES SHOULD BE TAKEN TO AVOID INHALATION AND PREVENT MATERIALS FROM BEING SPLASHED INTO THE EYES OR ON THE SKIN. THIS SHOULD INCLUDE THE WEARING OF EYESHIELDS AND PROTECTIVE CLOTHING.
SMOKING SHOULD NOT BE PERMITTED IN AREAS WHERE THEY ARE HANDLED.
SPONTANEOUS COMBUSTION OF CERTAIN PRODUCT SOAKED RAGS HAVE BEEN REPORTED.
MAINTAIN ADEQUATE AIR CIRCULATION IN THE WORKING AREA.

STORAGE

STORE IN THIGHTLY SEALED AND PREFERABLY FULL CONTAINERS IN A COOL, DRY LOCATION.
PROTECT FROM LIGHT.
CHECK QUALITY BEFORE USE IF STORED FOR MORE THAN 6 MONTHS.
KEEP IN SUITABLE OR ORIGINAL CONTAINER

08 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: IN WELL-VENTILATED AREAS, RESPIRATORY PROTECTION IS NOT NORMALLY REQUIRED.
IN CONFINED, POORLY VENTILATED AREAS, NIOSH-APPROVED RESPIRATORY PROTECTION DEVICE MAY BE REQUIRED.

HAND PROTECTION: THE USE OF CHEMICAL RESISTANT GLOVES IS RECOMMENDED

EYE PROTECTION: THE USE OF SAFETY GLASSES IS RECOMMENDED

SKIN PROTECTION: LIGHT PROTECTIVE CLOTHING IS RECOMMENDED.

VENTILATION: PROVIDE ADEQUATE VENTILATION; USE LOCAL EXHAUST FAN IN AREAS THAT ARE WARM, CONFINED, POORLY VENTILATED AND/OR IF NECESSARY.

09 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: LIQUID
COLOR: PALE YELLOW TO DARK YELLOW
ODOR: CHARACTERISTIC (ODOR THRESHOLD: NOT DETERMINED)

FLASH POINT (CC) (°C): 67°C
WATER SOLUBILITY: INSOLUBLE
SPECIFIC GRAVITY (25°C): 0.8575 (TYPICAL)
REFRACTIVE INDEX (20°C): 1.4820 (TYPICAL)
BOILING POINT: NOT DETERMINED
MELTING POINT (FREEZING POINT): NOT DETERMINED
VAPOR PRESSURE: NOT DETERMINED
VAPOR DENSITY (AIR=1): NOT DETERMINED
PARTITION COEFFICIENT n OCTANOL/WATER: NOT DETERMINED
SELF-IGNITION TEMPERATURE: NOT DETERMINED
PH: NOT APPLICABLE
EVAPORATION RATE: NOT DETERMINED

10 – STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITION TO AVOID: EXCESSIVE HEAT, OPEN FLAMES OR OTHER SOURCES OF IGNITION.

11 – TOXICOLOGICAL INFORMATION



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LIQUID MAY BE IRRITATING TO SKIN AND EYES. IT CONTAINS D'LIMONENE (CAS: 5989-27-5) KNOWN AS A SENSITIZER.

D'LIMONENE (1,8-(9)-P-MENTHADIENE) TOXICITY DATA:

LD₅₀ (ORAL, MOUSE) = 5600 – 6600 mg/kg

LD₅₀ (ORAL, RAT) = 4400 - 5100 mg/kg

LD₅₀ (DERMAL, RABBIT) = GREATER THAN 5000 mg/kg

LC₅₀ () = NOT DETERMINED

SYMPTOMS OF OVEREXPOSURE INCLUDE: IRRITATION OF EYES, SKIN AND MUCOUS MEMBRANE.

ON EYES MAY CAUSE BURNING, REDNESS, PAIN.

ON SKIN, MAY CAUSE TEMPORARY REDNESS (BURNING), MILD LOCAL IRRITATION AND SENSITIZATION. INTENSIVE CONTACT WITH THE SKIN MAY CAUSE DERMATITIS.

IF INGESTED, MAY CAUSE GI IRRITATION, ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA AND DIZZINESS.

BY INHALATION, IRRITANT TO RESPIRATORY TRACT, MAY CAUSE SORE THROAT, COUGHING, SHORTNESS OF BREATH, DIZINESS AND NAUSEA.

12 – ECOLOGICAL INFORMATION

VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT
AVOID ANY POLLUTION OF GROUND, SURFACE OR UNDERGROUND WATER.

13 – DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

14 – TRANSPORTATION INFORMATION

UN NUMBER: NOT APPLICABLE

RID/ADR, IMDG, ICAS/IATA: NOT APPLICABLE

MARINE POLLUTANT: YES

15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B/B3 COMBUSTIBLE LIQUID

THIS PRODUCT HAS BEEN CLASSIFIED ACCORDING TO THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16 – OTHER INFORMATION

DISCLAIMER

THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THE DATA SHEET REPRESENT, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, AN ACCURATE AND RELIABLE REPRESENTATION AS TO THE KNOWN DATA FOR THIS MATERIAL. THE DATA HAS BEEN OBTAINED FROM A NUMBER OF SOURCES AND CEDAROME CANNOT GUARANTEE ITS ACCURACY, RELIABILITY AND COMPLETENESS NOR CAN CEDAROME ASSUME ANY LIABILITY FOR ANY LOSS OR DAMAGE ARISING OUT OF THE USE OF THIS DATA. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THIS INFORMATION IN A PRUDENT MANNER AND TO USE IT IN A MANNER THAT IS CONSISTENT FOR ITS PARTICULAR PURPOSE.