Product -Eucalyptus Blue GumBest Before Date -June 2024Batch Number -4437506

Item	Specification	Data Of Analysis	Conclusion
Description	Colourless to pale yellow liquid	Conformed	Passed
Odor	Eucalyptus globulus characteristic odor	Conformed	Passed
Specific Gravity (20/20°C)	0.909 - 0.9189	0.912	Passed
Refractive Index (20°C)	1.4580 - 1.4650	1.4610	Passed
Optical Rotation (20°C)	0 - +5°	+2.49	Passed
Cineole Content (%)	≥80.0	80.15	Passed
Solubility (20°C, 70%Ethanol)	1ml: 5ml Clear	Conformed	Passed
As Content (%)	Non existent	Conformed	Passed
Safrole Content (GC,%)	≤0.0003	Conformed	Passed
Heavy Metal (Pb) Content (%)	≤0.001	Conformed	Passed
Conclusion	Result of analysis. Conforming to standard GB 10351-2008		

ALLERGEN STATEMENT

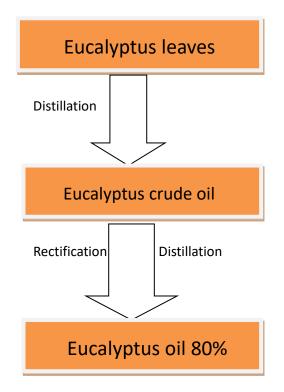
DATE: Feb. 19, 2020

TO WHOM IT MAY CONCERN

RE: EUCALYPTUS OIL 80%

WE HEREBY CERTIFY AND GUARANTEE THAT OUR PRODUCT OF THE ABOVE-MENTIONED GOODS ARE ALLERGEN FREE AND CONFIRMED TO IFRA ALLERGEN REQUIREMENTS.

FLOW CHART OF EUCALYPTUS BLUE GUM OIL



GMO STATEMENT

DATE: FEB. 19, 2020

TO WHOM IT MAY CONCERN

RE: EUCALYPTUS OIL

WE HEREBY CERTIFY AND GUARANTEE THAT OUR PRODUCT OF THE ABOVE-MENTIONED GOODS ARE GMO (GENETICALLY MODIFIED ORGANISM) FREE.

CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PARTY:

Madar Corporation Limited

19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA

SCOPE OF THE CERTIFICATE:

Eucalyptus Oil 80%

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January 2020), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)	
IFRA Category 1	Not limited	
IFRA Category 2	Not limited	
IFRA Category 3	Not limited	
IFRA Category 4	Not limited	
IFRA Category 5A	Not limited	
IFRA Category 5B	Not limited	
IFRA Category 5C	Not limited	
IFRA Category 5D	Not limited	
IFRA Category 6	Not limited	
IFRA Category 7A	Not limited	
IFRA Category 7B	Not limited	
IFRA Category 8	Not limited	
IFRA Category 9	Not limited	
IFRA Category 10A	Not limited	
IFRA Category 10B	Not limited	
IFRA Category 11A	Not limited	
IFRA Category 11B	Not limited	
IFRA Category 12	Not limited	

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type	
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys	
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists	
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint	
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips	
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)	
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams	
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers	
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc	
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets	
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes	
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave- on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer	
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)	
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets	
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non- cartridge systems), etc.	
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides	
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)	
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)	
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)	

MSDS OF EUCALYPTUS OIL

I. PRODUCT IDENTIFICATION

PRODUCT NAME: EUCALYPTUS BLUE GUM OIL CAS #: 84625-32-1 FORMULA: Essential Oil MADAR CORPORATION LIMITED 19 - 20 SANDLEHEATH INDUSTRIAL ESTATE, FORDINGBRIDGE, SP6 1PA TEL: 01425 655 555

II. HAZARD IDENTIFICATION

Flammable Liquid - Category 3 Skin Corrosion/irritation - Category 2 Skin sensitization - Category 1 Aspiration hazard - Category 1 Hazardous to the aquatic environment - Chronic - Category 2

Label elements

Pictogram



Signal: Danger

Hazard statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects

Precautionary statements

P210 Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/ bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P321 Specific treatment (see medical advice on this label).

P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362+P364 Take off contaminated clothing and wash before reuse.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction. P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations

III. COMPOSITION OR INFORMATION ON INGREDIENTS

Eucalyptus oil 84625-32-1 100% by weight

IV. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Give water or milk to drink if conscious

V. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Foam, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media: Bulk liquid could float on surface of water and continue burning

Products of Combustion: Oxides of carbon and nitrogen

Protection of Firefighters: As for surrounding fire

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep away from skin and eyes

Environmental Precautions: Keep liquid out of surface waters Methods for Containment: In the unlikely event of a large spill, dike with sand, clay or other suitable material.

Methods for Clean Up: Absorb with sand, clay or other suitable material.

VII. HANDLING AND STORAGE INFORMATION

HANDLING: Reasonable care. Keep away from skin and eyes.

STORAGE: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

VIII. EXPOSURE CONTROLS AND PROTECTION INFORMATION

Eye/face protection:

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection:

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to pale yellow liquid.

Odor: Eucalyptus globulus characteristic odor

Flash point: 47 °C - Not specified

Melting /Freezing Point: -14 to 12°C

Boiling Point: 176°C

Vapor Density: NA

Specific Gravity: 0.915

Solubility In Water: Insoluble

X. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Heat

Incompatible Materials: None known

Hazardous Decomposition Products: Toxic fumes of Carbon Monoxide, Carbon Dioxide will not occur.

Possibility of Hazardous Reactions: Extremely improbable

XI. TOXICOLOGICAL INFORMATION

Acute toxicity No data available LD50 Dermal - Rabbit - > 5.000 mg/kg Skin corrosion/irritation No data available Serious eye damage/eye irritation Eyes - Rabbit Result: No eye irritation - 72 h (OECD Test Guideline 405) Respiratory or skin sensitisation May cause sensitisation by skin contact. Germ cell mutagenicity Not mutagenic in Ames Test Carcinogenicity No data available IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Reproductive toxicity No toxicity to reproduction Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Aspiration hazard The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard. Additional Information RTECS: Not available Dermatitis, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

XII. ECOLOGICAL INFORMATION

Ecotoxicity: None known Persistence/Degradability: Biodegradable Bioaccumulation/Accumulation: None known Mobility in Enviroment: Not determined

XIII. DISPOSAL CONSIDERATION

Disposal: Dispose according to Federal, State or Provincial, and Local regulations.

XIV. TRANSPORTATION INFORMATION

General For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

UN number

UN No. (ADG) 1169 UN No. (IMDG) 1169 UN No. (ICAO) 1169

UN proper shipping name

Proper shipping name (ADG) FLAMMABLE LIQUID, N.O.S. (CONTAINS Eucalyptus Oil) Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (CONTAINS Eucalyptus Oil)

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (CONTAINS Eucalyptus Oil)

Transport hazard class(es) ADG class 3 ADG classification code F1 ADG label 3 IMDG class 3 ICAO class/division 3 Packing group ADG packing group III IMDG packing group III

REGULATORY INFORMATION

Non information available

XVI. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.

*** DISCLAIMER ***

The information contained in this MSDS is believed to be accurate and represent the best information currently available to us. We have tried to make the information as accurate as possible, however, it must be pointed out that we make no warranty of merchantability or any other warranty, expressed or implied. Madar Corporation Limited, disclaims any liability for any injury or loss arising from the use of this information or the materials described. Users should make their own investigations to determine the suitability of the information for their particular applications. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any social, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

PRODUCT SPECIFICATION OF EUCALYPTUS BLUE GUM OIL



CHARACTERS: A CLEAR, COLOURLESS TO PALE YELLOW LIQUID, EUCALYPTUS GLOBULUS CHARACTERISTIC ODOUR. **SPECIFIC GRAVITY(20/20°C):** 0.906 ~ 0.927 **REFRACTIVE INDEX (20°C):** 1.458~1.470 **OPTICAL ROTATION (20°C):** $0^{\circ} \sim +10^{\circ}$ SOLUBILITY (20°C, 70%ETHANOL): 1ML: 5ML(v/v) Clear **β-PINENE (GC,%):** < 1.5 **α-PINENE (GC,%):** TRACE -9.0 α -PHELLANDRENE(%, GC) : < 1.5 1,8-CINEOL (GC,%): ≥80 LIMONENE (GC,%): Trace –12.0 **CAMPHOR (GC,%):** < 0.1 **SABINENE (GC,%):** < 0.3

VEGAN STATEMENT

DATE: MAR. 17, 2020

TO WHOM IT MAY CONCERN

RE: EUCALYPTUS OIL

WE HEREBY CERTIFY AND GUARANTEE THAT OUR PRODUCT OF THE

ABOVE-MENTIONED GOODS ARE VEGAN SUITABILITY.