

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PEPPERMINT (MENTHA PIPERITA), ESSENTIAL OIL ORGANIC

BATCH NUMBER: 4404302

PRODUCT INCI: MENTHA PIPERITA OIL

CAS NUMBER: 8006-90-4 / 84082-70-2

EINECS NUMBER: 282-015-4

MANUFACTURING METHOD: STEAM DISTILLED

BEST BEFORE DATE: July 2023

| ANALYTICAL DETAILS | Range | RESULTS |
|-------------------------|--------------------------------------|---------|
| Appearance | LIQUID | - |
| Colour | COLOURLESS — PALE YELLOW | - |
| Odour | Characteristic, Strong Minty & Fresh | - |
| SPECIFIC GRAVITY @ 20°C | 0.880-0.916 | 0.9002 |
| Refractive Index @ 20°C | 1.450 – 1.470 | 1.4573 |
| OPTICAL ROTATION (°C) | -35.0 то -15.0 | -24.6 |

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

Allergen Declaration:

| PEPPERMINT (MENTHA PIPERITA), ESSENTIAL OIL ORGANIC | | | |
|---|--|-------------------------------|-------------------|
| , | | | |
| MENTHA PIPERITA LEAF OIL | | | |
| ETIC ALLERGENS | | | |
| nendment of the cosmetic directive of the European Union Annex iii. | | | |
| | CAS NUMBER: | TOTAL ALLERGEN INCLUSION (%): | |
| AMYL CINNAMAL | 122-40-7 | 0.00 | |
| BENZYL ALCOHOL | 100-51-6 | 0.00 | |
| CINNAMYL ALCOHOL | 104-54-1 | 0.00 | |
| CITRAL | 5392-40-5 | 0.00 | |
| EUGENOL | 97-53-0 | 0.00 | |
| HYDROXY-CITRONELLAL | 107-75-5 | 0.00 | |
| ISOEUGENOL | 97-54-1 | 0.00 | |
| AMYLCIN-NAMYL ALCOHOL | 101-85-9 | 0.00 | |
| BENZYL SALICYLATE | 118-58-1 | 0.00 | |
| CINNAMAL | 104-55-2 | 0.00 | |
| COUMARIN | 91-64-5 | 0.00 | |
| GERANIOL | 106-24-1 | 0.00 | |
| HYDROXY- METHYLPENTYLCYCLOHEXENECARBOXALDEHYDE | 31906-04-4 | 0.00 | |
| ANISE ALCOHOL | 105-13-5 | 0.00 | |
| BENZYL CINNAMATE | 103-41-3 | 0.00 | |
| FARNESOL | 4602-84-0 | 0.00 | |
| BUTYLPHENYL METHYLPROPIONAL | 80-54-6 | 0.00 | |
| LINALOOL | 78-70-6 | 0.40 | |
| BENZYL BENZOATE | 120-51-4 | 0.00 | |
| CITRONELLOL | 106-22-9 | 0.00 | |
| HEXYL CINNAM-ALDEHYDE | 101-86-0 | 0.00 | |
| LIMONENE | 5989-27-5 | 1.0 - 5.0 | |
| METHYL HEPTIN CARBONATE | 111-12-6 | 0.00 | |
| ALPHA-ISOMETHYL IONONE | 127-51-5 | 0.00 | |
| EVERNIA PRUNASTRI EXTRACT | 90028-68-5 | 0.00 | |
| EVERNIA FURFURACEA EXTRACT | 90028-67-4 | 0.00 | |
| OOD ALLERGENS | | | |
| 8/EC of 27th November 2007 amending Annex Illa to Directive 200/13/EC of the European Parliament & Coun | cil with regards to specific food ingredients. | | |
| | PRESENT IN PRODUCT: | CONTAMINATION PRESENCE: | FACTORY PRESENCE: |
| CEREALS (CONTAINING GLUTEN) | NO | NO | YES |
| CRUSTACEANS | NO | NO | NO |
| EGGS | NO | NO | NO |
| FISH | NO | NO | NO |
| PEANUTS | NO | NO | YES |
| SOYA | NO | NO | YES |
| MILK | NO | NO | YES |
| NUTS | NO | NO | YES |
| CELERY & CELERIAC | NO | NO | YES |
| MUSTARD | NO | NO | YES |
| SESAME | NO | NO | YES |
| SULPHUR DIOXIDE & SULPHITES | NO | NO | NO |
| LUPIN | NO | NO | NO |
| MOLLUSC | NO | NO | NO |

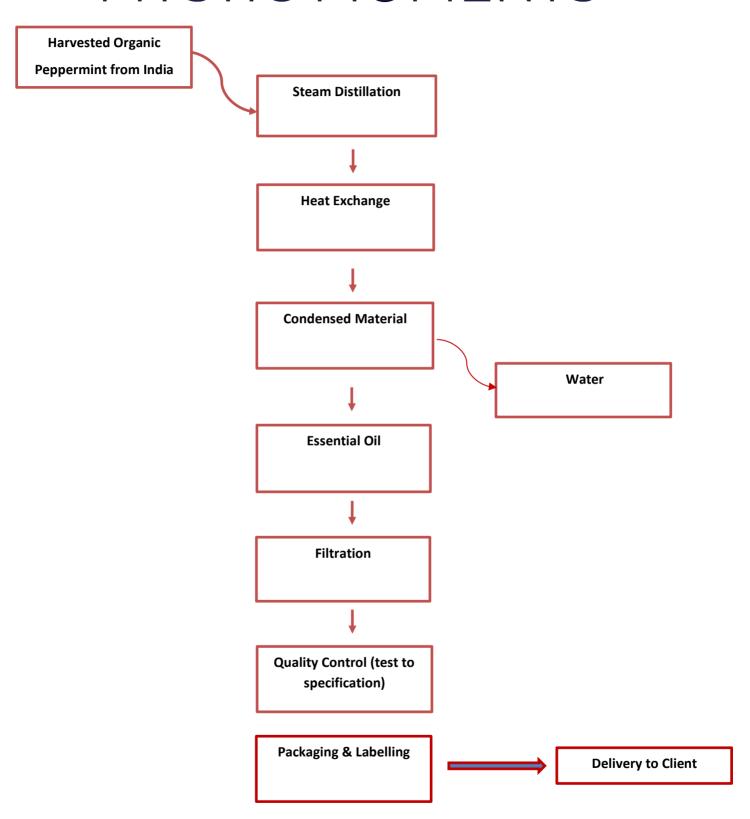


Composition Statement & Manufacturing Flow Chart:

Madar Corporation Limited can hereby confirm the following composition breakdown & manufacturing process flow;

Peppermint (Mentha Piperita), Essential Oil Organic

| INCI Name | % Inclusion | CAS Number |
|-----------------|-------------|------------------------|
| Mentha Piperita | 100 | 8006-90-4 / 84082-70-2 |





GMO Statement

PRODUCT NAME: Peppermint Premium Organic

 \mbox{MADAR} Corporation Limited can confirm that the above listed product is GMO Free.

15/8/20



IFRA STATEMENT

PRODUCT NAME: PEPPERMINT (MENTHA PIPERITA), ESSENTIAL OIL ORGANIC

PRODUCT INCI: MENTHA PIPERITA LEAF OIL

CAS NUMBER: 8006-90-4 / 84082-70-2

EINECS NUMBER: 282-015-4

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

MADAR CERTIFY THAT THE ABOVE NAMED MATERIAL CONFORMS TO THE IFRA 48 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 48^{TH} AMENDMENT OF THE IFRA CODE OF PRACTICE:

| Restricted Component | Cas No: | % Level in Product | IFRA Standard |
|----------------------|-----------|--------------------|-------------------|
| Limonene | 5989-27-5 | 1.0 – 5.0 | Specification Std |
| Linalool | 78-70-6 | 0.4 | Specification Std |

| IFRA Classes | % Maximum Use Level |
|-------------------------------|---------------------|
| IFRA Class 1 | Not Restricted. |
| IFRA Class 2 | Not Restricted. |
| IFRA Class 3.A, 3.B, 3.C, 3.D | Not Restricted. |
| IFRA Class 4.A, 4.B, 4.C, 4.D | Not Restricted. |
| IFRA Class 5 | Not Restricted. |
| IFRA Class 6 | Not Restricted. |
| IFRA Class 7.A, 7.B | Not Restricted. |
| IFRA Class 8.A, 8.B | Not Restricted. |
| IFRA Class 9.A, 9.B, 9.C | Not Restricted. |
| IFRA Class 10.A, 10.B | Not Restricted. |
| IFRA Class 11 | Not Restricted. |

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission It is the responsibility of the client to ensure the safety of the final product containing this ingredient. Please carry out additional testing if necessary.

| Finished product types | IFRA class |
|---|------------|
| Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc) | Class 1 |
| Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc) | Class 2 |
| Hydroalcoholic products applied to recently shaved skin (EdT range) | Class 3.A |
| Hydroalcoholic products applied to recently shaved skin (fine fragrance range) | Class 3.B |
| Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) including eye cream. Men's Facial Creams and Balms | Class 3.C |
| Tampons. | Class 3.D |
| Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues). | Class 4.A |
| Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range). | Class 4.B |
| Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products | Class 4.C |
| Fragrancing Cream | Class 4.D |
| Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body. | Class 5 |
| Mouthwash, Toothpaste. | Class 6 |
| Intimate Wipes; Baby Wipes. | Class 7 A |
| Insect Repellent (intended to be applied to the skin). | Class 7 B |
| Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc). Nail Care. All Powders & Talcs (including baby powders and talcs). | Class 8 |
| Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos). Face Cleansers of all types (washes, gels, scrubs, etc). Shaving Creams of all types (stick, gels, foams, etc). Body Washes of all types (including baby washes). Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater | Class 9.A |
| Feminine hygiene pads / liners. | Class 9.B |
| Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray). | Class 9.C |
| Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc). Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc). Shampoos for pets | Class 10.A |
| Diapers. Toilet seat wipes. | Class 10.B |
| All non-skin contact, including: | Class 11.A |

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| Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system) | |
|---|------------|
| All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons). | Class 11.B |

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Material Safety Data Sheet

EU Regulation: 1907/2006

| SECTION 1: IDENTIFICATION | N OF THE SUBSTA | ANCE/MIX | CTURE AND OF THE CO |)MPANY/UND | ERTAKING |
|--|---|---------------|-----------------------------|----------------|--|
| 1.1 PRODUCT IDENTIFICATION | | | | | |
| PRODUCT NAME | PEPPERMINT (MENT | HA PIPERITA) |), Essential Oil | | |
| BIOLOGICAL DEFINITION | MENTHA PIPERITA LABIATAE. | OIL IS THE VO | DLATILE OIL OBTAINED FROM T | HE WHOLE PLANT | of the Peppermint, Mentha piperita (L.), |
| INCI NAME | Mentha Piperita | | | | |
| SYNONYMS & TRADE NAMES | PEPPERMINT OIL | | | | |
| INTERNAL PRODUCT CODE | | | | | |
| CAS-No | 8006-90-4 / 84082-70-2 | EC No. | 282-015-4 | EINECS No. | 282-015-4 |
| | | | | | |
| 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY | / DATA SHEET | | | | |
| | MADAR CORPOR | ATION LIM | ITED | | |
| COMPANY ADDRESS | 19 - 20 SANDLEHEATH INDUSTRIAL ESTATE, FORDINGBRIDGE, | | | | |
| | HAMPSHRIE, SP6 1PA | | | | |
| EMAIL | SALES@MADARCORPORATION.CO.UK | | | | |
| 1.3 | | | | | |
| DETAILS OF THE SUPPLIER OF THE SAFETY | DATA SHEET | | | | |
| EMERGENCY CONTACTS | 01425 655 555 | | | | |

| SECTION 2: HAZARDS IDENTIFICATION | N |
|--|--|
| 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE | The full text for all hazard statements is displayed in section 16. |
| CLASSIFICATION (67/548/EEC) | The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16. |
| CLASSIFICATION (EU1272/2008) | PHYSICAL AND CHEMICAL HAZARDS: NOT CLASSIFIED. HUMAN HEALTH: ASP. TOX. 1 H304; SKIN IRRIT. 2 - H315; SKIN SENS. 1 - H317; EYE IRRIT. 2 H319 ENVIRONMENT: AQUATIC CHRONIC 2 - H411 |
| 2.2 LABEL ELEMENTS | LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008. |
| GHS LABEL | GHS07 GHS09 |
| SIGNAL WORD | DANGER. |
| CONTAINS | L-Menthol, Menthones, Limonene, 1,8 Cineole Pulegone |
| HAZARDS STATEMENT | H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H401 Toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. |
| PRECAUTIONARY STATEMENTS | DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION. P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY. P333+P313: IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P362+P364: TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE. P302+P352: IF ON SKIN: WASH WITH PLENTY OF WATER. P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. 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. P273: AVOID RELEASE TO THE ENVIRONMENT. P391: COLLECT SPILLAGE |
| SUPPLEMENTARY PRECAUTIONARY STATEMENTS | P264: Wash hands and exposed skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P330: Rinse mouth. P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P332+P313: IF skin irritation occurs: Get medical advice/attention. |
| Sect | ion 16 (Other Information): Risk & Safety phrases in full. |

| 2.3 OTHER HAZARDS | |
|-------------------------------------|--|
| ADVERSE PHYSIO-CHEMICAL PROPERTIES | NO DATA |
| ADVERSE EFFECTS ON HUMAN HEALTH | MAY BE HARMFUL IN CONTACT WITH SKIN. |
| PBT or vPvB according to Annex XIII | No Data. |
| | |
| SECTION 3: COMPOSITION OF INGRE | DIENTS |
| | 30.0 - 55.0% L-MENTHOL CAS-No: 2216-51-5 EC No: 218-690-9 |
| | CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319 |
| | |
| | 20.0 – 30.0% MENTHONES CAS-NO: 10458-14-7 EC N.: 233-944-9 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, AQUATIC CHRONIC 3 - H412 |
| | CLASSIFICATION (EC 1272/2000) FLAMI. EIQ. 3 - 11220, ACUTE TOX. 4 - 11302, AQUATIC CHRONIC 3 - 11412 |
| | ≤ 3.0% LIMONENE CAS-NO: 138-86-3 EC NO: 205-301-0 |
| | Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 |
| | 2.0 – 10.0% METHYL ACETATE CAS-No: 89-48-5 EC No: 201-911-8 |
| | CLASSIFICATION (EC 1272/2008) AQUATIC CHRONIC 2 - H411 |
| 3.2 SUBSTANCE | 2.0- 10.0% 1,8 CINEOLE CAS No: 470-82-6 EC No:207-431-5 |
| | CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 – H226, SKIN SENS. 1 – H317 |
| | <2.0% Pulegone CAS No: 89-82-7 EC No: 201-943-2 |
| | Classification (EC 1272/2008) Acute Tox. 4 – H302 |
| | <1.0% Menthofuran CAS No: 494-90-6 EC No: 207-795-5 |
| | Classification (EC 1272/2008) Acute Tox. 4 – H302, Skin Irrit. 2 – H315, Eye Irrit. 2 – H319 |
| | < 0.2 % Isopulegol CAS No: 7786-67-6 EC No: 232-102-8 |
| | CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 – H302, SKIN IRRIT. 2 – H315, EYE IRRIT. 2 – H319 |

| SECTION 4: FIRST AID MEASURES | |
|-----------------------------------|--|
| 4.1 | |
| DESCRIPTION OF FIRST AID MEASURES | |
| GENERAL INFORMATION | ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY. |
| INHALATION | GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND |
| INHALATION | OBTAIN MEDICAL ATTENTION. |
| Ingestion | GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION. |
| SKIN CONTACT | REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF |
| SKIN CONTACT | IRRITATION PERSISTS. |

| EYE CONTACT | Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist. |
|---|--|
| 4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED) | Inhalation May Cause coughing and difficulties in Breathing. Ingestion Irritating to the respiratory tract and may cause damage to the central nervous system. Skin contact Toxic in contact with skin. Eye contact May cause eye irritation. |
| 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED | None expected, see Section 4.1 for further information. |

| SECTION 5: FIRE FIGHTING MEASURES | |
|---|---|
| | |
| 5.1 | FOAM, CO2, DRY CHEMICAL POWDER. |
| EXTINGUISHING MATERIAL | 1 GAIVI, COZ, DICI CHEIVIICAL I OWDER. |
| 5.2 | |
| SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR | BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES |
| MIXTURE | |
| 5.3 | SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: |
| ADVICE FOR FIRE-FIGHTERS | WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE |
| | CLOTHING. |
| | · |
| | |

| SECTION 6: ACCIDENTAL RELEASE MEASURES | |
|--|---|
| | |
| 6.1 | ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR |
| PERSONAL PRECAUTIONS | SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR |
| FERSONAL FRECAUTIONS | SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. |
| 6.2 | DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL |
| ENVIRONMENTAL PRECAUTIONS | AUTHORITY GUIDELINES. |
| 6.3 | REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. |
| METHODS & MATERIAL FOR CONTAINMENT AND | CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL |
| CLEANING UP | REGULATIONS. |
| 6.4 | Refer & consider section 8. |
| REFERENCES TO OTHER SECTIONS | REFER & CONSIDER SECTION 13. |
| | |

| 6.4 | REFER & CONSIDER SECTION 8. |
|--|--|
| REFERENCES TO OTHER SECTIONS | Refer & consider section 13. |
| | |
| SECTION 7: HANDLING & STORAGE | |
| | |
| 7.1 PRECAUTIONS FOR SAFE-HANDLING | HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. |
| 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES | KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN. |
| 7.3 SPECIFIC END USE(S) | NO DATA. |
| SECTION 8: EXPOSURE CONTROLS & | |
| PERSONAL PROTECTION | |
| | |
| | |

NO EXPOSURE LIMITS NOTED FOR INGREDIENT(S).

INGREDIENT COMMENTS

8.1

CONTROL PARAMETERS 8.2



| EYE PROTECTION | WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. | |
|--------------------------------|--|--|
| HAND PROTECTION | WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. | |
| RESPIRATORY EQUIPMENT | NO DATA | |
| Hygiene Measures | GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS | |
| THORENE MEASURES | / OILS. | |
| Engineering Measures | None. | |
| SKIN PROTECTION | WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. | |
| PERSONAL PROTECTION | AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. | |
| OTHER PROTECTION | WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS. | |
| Process Conditions | Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & Eye bath. | |
| ENVIROMENTAL EXPOSURE CONTROLS | AVOID DISCHARGING INTO DRAINAGE WATER. | |

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

| 9.1 | |
|------------------------------------|---|
| PHYSICAL & CHEMICAL PROPERTIES | |
| APPEARANCE | LIQUID |
| COLOUR | COLOURLESS – PALE YELLOW |
| ODOUR | CHARACTERISTIC, MINTY FRESH |
| RELATIVE DENSITY | APPROX. 0.903 @ 20°C |
| FLASH POINT (°C) | 71°C |
| REFRACTIVE INDEX @ 20 °C | APPROX. 1.462 @ 20°C |
| SOLUBILITY IN WATER @ 20 °C | Insoluble in water. (Soluble in 70% Ethanol at 20c: 1 +4) |
| 9.2 OTHER INFORMATION | NO DATA |
| SECTION 10: STABILITY & REACTIVITY | |
| | |
| | |

| 10.1 REACTIVITY | NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED. |
|---|---|
| 10.2 CHEMICAL STABILITY | Stable under suggested storage conditions (<15°C). |
| 10.3 POSSIBILITY OF HAZARDOUS REACTIONS | No. |
| 10.4 CONDITIONS TO AVOID | STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C. |
| 10.5 INCOMPATIBLE MATERIALS | Strong oxidisning substances. |

| 10.6 | This product does not decompose under normal conditions. Under fire conditions the | |
|----------------------------------|--|--|
| HAZARDOUS DECOMPOSITION PRODUCTS | PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE. | |

| SECTION 11: TOXICOLOGICAL INFORMATION | |
|---------------------------------------|--|
| 11.1 TOXICOLOGICAL EFFECTS | |
| Acute Toxicity | HARMFUL IF SWALLOWED |
| SKIN IRRITATION | Causes skin irritation |
| EYE DAMAGE OR IRRITATION | Causes eye irritation |
| RESPIRATORY OR SKIN SENSITIVITY | MAY CAUSE ALLERGIC REACTION |
| GERM CELL MUTAGENICITY | NO DATA |
| CARCINOGENICITY | NO DATA |
| REPRODUCTIVE TOXICITY | NOT APPLICABLE. |
| STOT – SINGLE EXPOSURE | NOT APPLICABLE. |
| STOT – REPEATED EXPOSURE | NOT APPLICABLE. |
| ASPIRATION HAZARD | NO DATA |
| OTHER INFORMATION | NO DATA. |
| SECTION 12: ECOLOGICAL INFORMATION | |
| 12.1 Toxicity | TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |
| 12.2 PERSISTENCE & DEGRADABILITY | NO DATA |
| 12.3 | NO DATA |
| BIO- ACCUMULATIVE POTENTIAL 12.4 | No Direct |
| MOBILITY IN SOIL | NO DATA. |
| 12.5 RESULTS OF PBT & VPVB ASSESSMENT | NO DATA. |
| 12.6 OTHER ADVERSE EFFECTS | DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS. |
| | |
| SECTION 13: DISPOSAL INFORMATION | |
| 13.1 WASTE TREATMENT METHODS | ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS. |

| SECTION 14: Transport Information | |
|---|---|
| 14.1 TRANSPORT INFORMATION | |
| UN Number | ROAD: 3082 RAIL: 3082 AIR: 3082 |
| 14.2 UN SHIPPING NAME | Environmentally Hazardous Substance, liquid n.o.s. |
| 14.3 Transport Hazard Class(es) | ADR/RID/ADN CLASS 9 IMDG CLASS 9 ICAO CLASS/DIVISION 9 |
| 14.4 PACKING GROUP | ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III |
| 14.5 ENVIROMENTAL HAZARDS | ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT. |
| 14.6 SPECIAL PRECAUTIONS FOR USER | EMS F-A-S-F AIR TRANSPORT NOTES PACKING INSTRUCTION: 914 HAZARD NO. (ADR) 90 ENVIRONMENTALLY HAZARDOUS SUBSTANCE; MISCELLANEOUS DANGEROUS SUBSTANCES. TUNNEL RESTRICTION CODE (E) |
| 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE. | EMS: F-A,S-F |
| SECTION 15: REGULATORY INFORMATION | |

| 15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION | |
|--|---|
| EU DIRECTIVES | REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS). |
| STATUTORY INSTRUMENTS | THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716). |
| APPROVED CODE OF PRACTICE | CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS. |
| GUIDANCE NOTES | Workplace exposure limits EH40. CHIP for everyone HSG 108. |
| 15.2 CHEMICAL SAFETY ASSESSMENT | - |

| SECTION 16: OTHER INFORMATION | | |
|---|---|--|
| Hazard and/ or Precautionary Statements in full | H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS. | |
| TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT. | | |
| ABBREVIATIONS & ACRONYMS: | | |
| MSDS | MATERIAL SAFETY DATA SHEET. | |
| INCI | International Nomenclature of Cosmetic Ingredients. | |
| CAS | CHEMICAL ABSTRACT SERVICE. | |
| IMDG | International Maritime code for Dangerous Goods. | |
| ADR | ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). | |
| RID | International Carriage of Dangerous Goods by Rail. | |
| ICAO | International Civil Aviation Organization. | |
| ADN | International Carriage of Dangerous Goods by Inland Waterways. | |
| GHS | GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS. | |
| Trem Card | Transport Emergency Card. | |
| STOT | SPECIFIC TARGET ORGAN TOXICITY. | |

| DOCUMENTATION REVISION | |
|----------------------------|--------------------|
| DATE | CHANGE DESCRIPTION |
| 10 [™] APRIL 2018 | Data Launch |

SPECIFICATION SHEET

PRODUCT NAME: PEPPERMINT (MENTHA PIPERITA), ESSENTIAL OIL

PRODUCT INCI: MENTHA PIPERITA

CAS NUMBER: 8006-90-4 / 84082-70-2

EINECS NUMBER: 282-015-4

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

| ANALYTICAL DETAILS | RANGE |
|-------------------------|--------------------------------------|
| Appearance | LIQUID |
| Colour | COLOURLESS — PALE YELLOW |
| Odour | Characteristic, Strong Minty & Fresh |
| SPECIFIC GRAVITY @ 20°C | 0.890 – 0.916 |
| REFRACTIVE INDEX @ 20°C | 1.457 – 1.467 |
| Optical Rotation (°C) | -30.0 то -10.0 |

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

24TH MAY 2018



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Peppermint Premium Organic

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

15/08/2020