

CERTIFICATE OF ANALYSIS

PRODUCT NAME: BASIL, ESSENTIAL OIL (METHYL CHAVICOL TYPE)

BATCH NUMBER: 4569210

PRODUCT INCI: OCIMUM BASILICUM OIL

PRODUCT CODE: OEBASI

CAS NUMBER: 8015-73-4 / 84775-71-3

EINECS NUMBER: 283-900-8

BEST BEFORE DATE: February 2028

| ANALYTICAL DETAILS | RANGE | RESULTS |
|-------------------------|------------------------------|---------|
| Appearance | LIQUID | - |
| COLOUR | PALE YELLOW – YELLOW - BROWN | - |
| ODOUR | Characteristic of Basil | - |
| SPECIFIC GRAVITY @ 20°C | 0.900 – 0.973 | 0.9378 |
| REFRACTIVE INDEX @ 20°C | 1.490 – 1.530 | 1.5063 |
| OPTICAL ROTATION (°C) | -15.0 то +2.0 | -6.2 |

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT



ALLERGEN STATEMENT

PRODUCT NAME: BASIL (METHYL CHAVICOL TYPE), ESSENTIAL OIL

COSMETIC ALLERGENS

| Annex Illa | | CAC AULINARER | TOTAL ALLERGEN |
|------------|-------------------------------|---------------|----------------|
| Reference: | | CAS NUMBER: | INCLUSION (%): |
| 67 | AMYL CINNAMAL | 122-40-7 | 0.000 |
| 68 | BENZYL ALCOHOL | 100-51-6 | 0.000 |
| 69 | CINNAMYL ALCOHOL | 104-54-1 | 0.000 |
| 70 | CITRAL | 5392-40-5 | ≤ 1.0 |
| 71 | EUGENOL | 97-53-0 | ≤ 0.1 |
| 72 | HYDROXY-CITRONELLAL | 107-75-5 | 0.000 |
| 73 | ISO EUGENOL | 97-54-1 | 0.000 |
| 74 | AMYLCIN-NAMYL ALCOHOL | 101-85-9 | 0.000 |
| 75 | BENZYL SALICYLATE | 118-58-1 | 0.000 |
| 76 | CINNAMAL | 104-55-2 | 0.000 |
| 77 | COUMARIN | 91-64-5 | 0.000 |
| 78 | GERANIOL | 106-24-1 | 0.000 |
| 79 | HYDROXYISOHEXYL 3-CYCLOHEXENE | 31906-04-4 | 0.000 |
| 73 | CARBOXALDEHYDE | 31300 04 4 | 0.000 |
| 80 | ANISE ALCOHOL | 105-13-5 | 0.000 |
| 81 | BENZYL CINNAMATE | 103-41-3 | 0.000 |
| 82 | FARNESOL | 4602-84-0 | 0.000 |
| 83 | BUTYLPHENYL METHYLPROPIONAL | 80-54-6 | 0.000 |
| 84 | LINALOOL | 78-70-6 | ≤ 25.0 |
| 85 | BENZYL BENZOATE | 120-51-4 | 0.000 |
| 86 | CITRONELLOL | 106-22-9 | 0.000 |
| 87 | HEXYL CINNAM-ALDEHYDE | 101-86-0 | 0.000 |
| 88 | LIMONENE | 5989-27-5 | ≤ 0.6 |
| 89 | METHYL 2-OCTYNOATE | 111-12-6 | 0.000 |
| 90 | ALPHA-ISOMETHYL IONONE | 127-51-5 | 0.000 |
| 91 | EVERNIA PRUNASTRI EXTRACT | 90028-68-5 | 0.000 |
| 92 | EVERNIA FURFURACEA EXTRACT | 90028-67-4 | 0.000 |



FOOD ALLERGENS

| Annex Illa | | PRESENT IN | CONTAMINATION | FACTORY |
|------------|-----------------------------|------------|---------------|-----------|
| Reference: | | PRODUCT: | PRESENCE: | PRESENCE: |
| 1 | CEREALS (CONTAINING GLUTEN) | NO | NO | YES |
| 2 | CRUSTACEANS | NO | NO | NO |
| 3 | EGGS | NO | NO | NO |
| 4 | FISH | NO | NO | NO |
| 5 | PEANUTS | NO | NO | YES |
| 6 | SOYA | NO | NO | YES |
| 7 | MILK | NO | NO | YES |
| 8 | NUTS | NO | NO | YES |
| 9 | CELERY & CELERIAC | NO | NO | YES |
| 10 | MUSTARD | NO | NO | YES |
| 11 | SESAME | NO | NO | YES |
| 12 | SULPHUR DIOXIDE & SULPHITES | NO | NO | NO |
| 13 | LUPIN | NO | NO | NO |
| 14 | MOLLUSC | NO | NO | NO |



MANUFACTURING FLOW & INCI STATEMENT

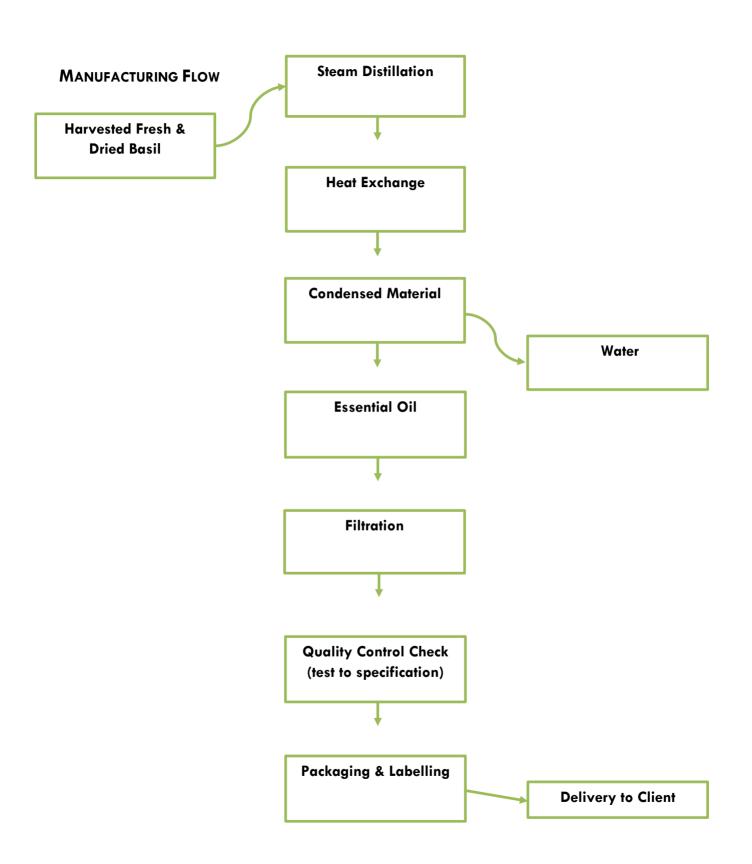
PRODUCT NAME: BASIL (MENTHYL CHAVICOL TYPE), ESSENTIAL OIL

INCI STATEMENT

We can hereby confirm the following composition breakdown & manufacturing process flow.

| INCI Name | % Inclusion | CAS Number |
|----------------------|-------------|------------------------|
| Ocimum Basilicum Oil | 100 | 84775-71-3 / 8015-73-4 |

MYSTIC MOMENTS





GMO Statement

PRODUCT NAME: Basil

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

17-01-25



IFRA STATEMENT

PRODUCT NAME: BASIL (METHYL CHAVICOL TYPE), ESSENTIAL OIL

PRODUCT INCI: OCIMUM BASILICUM OIL

WE CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 50 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 50^{TH} AMENDMENT OF THE IFRA CODE OF PRACTICE:

| Restricted Component | Cas No: | % Level in Product | IFRA Standard |
|-----------------------------|-----------|--------------------|-------------------------------|
| Citral | 5392-40-5 | 1.20 | Restriction Std (QRA cat) |
| Eugenol | 97-53-0 | 0.50 | Restriction Std (non QRA cat) |
| Estragole / Methyl Chavicol | 140-67-0 | 76.0 | Restriction Std (non QRA cat) |
| Methyl Eugenol | 93-15-2 | 0.40 | Restriction Std (non QRA cat) |

| IFRA Category | % Maximum Use Level |
|-------------------|---------------------|
| IFRA Category 1 | 0.01 |
| IFRA Category 2 | 0.03 |
| IFRA Category 3 | 0.01 |
| IFRA Category 4 | 0.55 |
| IFRA Category 5A | 0.09 |
| IFRA Category 5B | 0.00 |
| IFRA Category 5C | 0.01 |
| IFRA Category 5D | 0.00 |
| IFRA Category 6 | 0.04 |
| IFRA Category 7A | 0.01 |
| IFRA Category 7B | 0.01 |
| IFRA Category 8 | 0.00 |
| IFRA Category 9 | 0.06 |
| IFRA Category 10A | 0.06 |
| IFRA Category 10B | 0.06 |
| IFRA Category 11A | 0.00 |
| IFRA Category 11B | 0.00 |
| IFRA Category 12 | 1.97 |



| IFRA Category | Product Type | Flavour Use | Phototoxicity |
|------------------|---|----------------|---|
| Category 1 | Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys. | Yes | Applicable (leave-on products) |
| Category 2 | Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist) | | Applicable (leave-on products) |
| Category 3 | Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes | | Applicable (leave-on products) |
| Category 4 | Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products | No | Applicable (leave-on products) |
| Category 5A | Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc). | No | Applicable (leave-on products) |
| Category 5B | Facial toner. Facial moisturizers and creams | No | Applicable |
| Category 5C | (women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers | No | (leave-on products) Applicable (leave-on products) |
| Category 5D | Baby cream/lotion, baby oil, baby powders and talc. | No | Applicable |
| Category 6 | Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets | Yes | (leave-on products) Applicable (leave-on products) |
| Category 7A | Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes | No | Applicable (leave-on products) |
| Category 7B | Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, 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 | No | Applicable (leave-on products) |
| Category 8 | Intimate wipes. Tampons. Baby wipes. Toilet paper (wet). | No | Applicable (leave-on products) |
| Category 9 | Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets | NO | Applicable (rinse-off products) |
| Category 10A | Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softeners sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water). | NO | Applicable (rinse-off products) |
| Category 10B | Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides | NO | Applicable (rinse-off products) |
| Category 11A | Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry). | NO | Not applicable (leave-on products without UV exposure) |
| Category 11B | 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). | NO | Applicable (leave- on products) |
| Category 12 | Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). 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. Dish wash 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). | NO | Not applicable (non-skin contact products) |



Material Safety Data Sheet

EU Regulation: 1907/2006

| 1.1 | | | | | |
|---|--|-----------------------------------|--------------------------|------------------------|-----------|
| PRODUCT IDENTIFICATION | | | | | |
| PRODUCT NAME | Basil, Essential Oil | (METHYL CHAVIO | COL TYPE) | | |
| BIOLOGICAL DEFINITION | OCIMUM BASILICUM OIL IS THE VOLATILE OIL OBTAINED FROM THE LEAVES OF THE BASIL, OCIMUM BASILICUM L., LABIATAE. | | | asilicum L., Labiatae. | |
| INCI NAME | OCIMUM BASILICUM OIL | | | | |
| SYNONYMS & TRADE NAMES | BASIL OIL TROPICAL | BASIL OIL TROPICAL / BASIL OIL MC | | | |
| INTERNAL PRODUCT CODE | | | | | |
| CAS-No | 84775-71-3 / 8015-73-4 | EC No. | 283-900-8 | EINECS No. | 283-900-8 |
| | | | | | |
| 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT | A SHEET | | | | |
| COMPANY ADDRESS | Madar Corporation 19 - 20 Sandlehe | | tate, Fordingbridge, SP6 | 1PA | |
| EMAIL | technical@madarcorp | oration.co.uk | | | |
| 1.3 | A CHEET | | | | |
| DETAILS OF THE SUPPLIER OF THE SAFETY DAT | A JUEE! | | | | |

MYSTIC MOMENTS

| .1 LASSIFICATION OF THE SUBSTANCE OR MIXTURE | THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16. |
|---|---|
| CLASSIFICATION (67/548/EEC) | NO ADDITIONAL DATA AVAILABLE. |
| CLASSIFICATION (EU1272/2008) | ACUTE TOXICITY - ORAL CATEGORY 4 - (H302) SKIN CORROSION/IRRITATION CATEGORY 2 - (H315) SERIOUS EYE DAMAGE/EYE IRRITATION CATEGORY 2 - (H319) SKIN SENSITIZATION CATEGORY 1 - (H317) GERM CELL MUTAGENICITY CATEGORY 2 - (H341) CARCINOGENICITY CATEGORY 2 - (H351) CHRONIC AQUATIC TOXICITY CATEGORY 3 - (H412) |
| .2 ABEL ELEMENTS | Label in accordance with Regulation (EC) No 1272/2008. |
| GHS LABEL | GHS08 GHS07 |
| Signal Word | WARNING. |
| Contains | Estragole |
| HAZARDS STATEMENT | H302 - Harmful if swallowed H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H341 - Suspected of causing genetic defects H351 - Suspected of causing cancer H412 — Harmful to aquatic life with long lasting effects |
| SIGNAL WORD | WARNING. |
| PRECAUTIONARY STATEMENTS | P201 OBTAIN INSTRUCTION BEFORE USE. P261 - AVOID BREATHING VAPOURS/SPRAY. 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. P305 + P351 + P338 - IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION. |
| SUPPLEMENTARY PRECAUTIONARY STATEMENTS | P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE. |
| 5 | Section 16 (Other Information): Risk & Safety phrases in full. |
| .3 Other Hazards | |
| Adverse Physio-Chemical properties | No Additional Data Available. |
| Adverse effects on human health | No Additional Data Available. |
| PBT OR VPVB ACCORDING TO ANNEX XIII | No Additional Data Available. |

SECTION 3: COMPOSITION OF INGREDIENTS

MYSTIC MOMENTS

| 3.1 SUBSTANCES | NOT APPLICABLE. |
|-------------------|---|
| | ≤76.0% Estragole CAS-No: 140-67-0, EC No: 205-427-8 |
| 3.2 MIXTURES | CLASSIFICATION (EC 1272/2008); ACUTE TOX. 4 - H302, SKIN SENS. 1 - H317, MUTA. 2 - H341, CARC. 2 - H351 |
| | ≤ 25.0% Linalool CAS-No: 78-70-6, EC No: 201-134-4 |
| | CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319 |
| | ≤ 1.0% CITRAL CAS-NO: 5392-40-5, EC NO: 226-394-6 |
| | CLASSIFICATION (EC 1272/2008); SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319 |
| | ≤ 0.6% d-Limonene CAS-No: 5989-27-5, EC No: 227-813-5 |
| | Classification (EC 1272/2008); Flam. Liq. 3 - H226, ASP. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 |
| | ≤ 0.5 % METHYL EUGENOL CAS-No: 93-15-2, EC No: 202-223-0 |
| | CLASSIFICATION (EC 1272/2008); ACUTE TOX. 4 - H302, MUTA. 2 - H341, CARC. 2 - H351 |
| | ≤ 0.1% EUGENOL CAS-No: 97-53-0, EC No: 202-589-1 |
| | CLASSIFICATION (EC 1272/2008); SKIN SENS. 1B - H317, 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 OBTAIN MEDICAL ATTENTION. |
| Ingestion | GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION. INGESTION MAY CAUSE NAUSEA AND VOMITING. |
| SKIN CONTACT | REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF 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) | No Additional Data Available. |
| 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED | NOTE TO PHYSICIANS: TREAT SYMPTOMATICALLY. |

| SPECIAL TREATMENT REQUIRED | |
|---|--|
| SI ECIAL IREAIMENT REGOIRED | |
| SECTION 5: FIRE FIGHTING MEASURES | |
| 5.1 Extinguishing material | FOAM, CO2, DRY CHEMICAL POWDER. |
| 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE | BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES |
| 5.3 Advice for fire-fighters | SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING. |
| SECTION 6: ACCIDENTAL RELEASE MEASU 6.1 PERSONAL PRECAUTIONS | ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. |
| 6.2 ENVIRONMENTAL PRECAUTIONS | DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES. COMBUSTIBLE MATERIAL. COLLECT SPILLAGE. |
| 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING | METHODS FOR CONTAINMENT: CONTAIN AND COLLECT SPILLAGE WITH NON-COMBUSTIBLE ABSORBENT MATERIAL, (E.G. SAND, EARTH, DIATOMACEOUS EART |

MYSTIC M@MENTS

| UP | VERMICULITE) AND PLACE IN CONTAINER FOR DISPOSAL ACCORDING TO LOCAL / NATIONAL REGULATIONS (SEE SECTION 13). METHODS FOR CLEANING UP: COVER LIQUID SPILL WITH SAND, EARTH OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL. SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL. |
|--|---|
| 6.4 REFERENCES TO OTHER SECTIONS | REFER & CONSIDER SECTIONS 4, 7, 8 & 13. |
| | |
| SECTION 7: HANDLING & STORAGE | |
| 7.1 PRECAUTIONS FOR SAFE-HANDLING | ADVICE ON SAFE HANDLING: AVOID CONTACT WITH SKIN, EYES OR CLOTHING. DO NOT BREATHE VAPOURS/SPRAY. ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8. GENERAL HYGIENE CONSIDERATIONS: WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH HANDS THOROUGHLY AFTER HANDLING. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. |
| 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES | STORAGE CONDITIONS: PROTECT FROM DIRECT SUNLIGHT. KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE. |
| 7.3 SPECIFIC END USE(S) | RISK MANAGEMENT METHODS (RMM) THE INFORMATION REQUIRED IS CONTAINED IN THIS MATERIAL SAFETY DATA SHEET. |
| SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION | |
| 8.1 CONTROL PARAMETERS | No Additional Data Available. |
| 8.2 EXPOSURE CONTROLS | |
| EYE PROTECTION | AVOID CONTACT WITH EYES. WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES). |
| HAND PROTECTION | WEAR SUITABLE PROTECTIVE GLOVES. |
| Respiratory Equipment | Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7. |
| HYGIENE MEASURES | GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. |
| Engineering Measures | Ensure adequate ventilation, especially in confined areas. Provide safety showers and eyewash stations |
| SKIN PROTECTION | THROUGHOUT THE WORK AREA. |
| PERSONAL PROTECTION | WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. 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 | |
| ENTINGMENTAL EXI COOKE CONTROLS | AVOID DISCHARGING INTO DRAINAGE WATER. |



| SECTION 9: PHYSICAL & CHEMICAL PROPERTIES | |
|---|--|
| 9.1 PHYSICAL & CHEMICAL PROPERTIES | |
| Appearance | MOBILE LIQUID |
| COLOUR | COLOURLESS - PALE YELLOW |
| Odour | CHARACTERISTIC |
| RELATIVE DENSITY | APPROX. 0.935 @ 20°C |
| Flash Point (°C) | 80°C. |
| Refractive Index @ 20 °C | APPROX. 1.510 @ 20°C |
| SOLUBILITY IN WATER @ 20 °C | INSOLUBLE IN WATER |
| 9.2 Other Information | NO DATA. |
| SECTION 10: STABILITY & REACTIVITY | |
| 10.1 REACTIVITY | Not Additional Data Available. |
| 10.2 CHEMICAL STABILITY | Stable under suggested storage conditions ($<15^{\circ}$ 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 | AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS. |
| 10.6 HAZARDOUS DECOMPOSITION PRODUCTS | This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide. |

| 11.1 TOXICOLOGICAL EFFECTS | |
|---------------------------------|---|
| Acute Toxicity | HARMFUL IF SWALLOWED. (CALCULATION METHOD) |
| SKIN IRRITATION | IRRITATING TO SKIN. |
| EYE DAMAGE OR IRRITATION | Causes severe eye irritation. |
| RESPIRATORY OR SKIN SENSITIVITY | MAY CAUSE SENSITIZATION BY SKIN CONTACT. |
| GERM CELL MUTAGENICITY | SUSPECTED OF CAUSING GENETIC DEFECTS. INDIRECT NATURAL ESTRAGOLE. |
| CARCINOGENICITY | CONTAINS A KNOWN OR SUSPECTED CARCINOGEN. |
| REPRODUCTIVE TOXICITY | This product does not contain any known or suspected reproductive hazards above the |
| REI RODGETTE TOXIGIT | THRESHOLD VALUE. |
| STOT — SINGLE EXPOSURE | NOT APPLICABLE. |
| STOT — REPEATED EXPOSURE | NOT APPLICABLE. |
| ASPIRATION HAZARD | NOT APPLICABLE. |
| | |



| 12.1 Toxicity | HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |
|---------------------------------------|--|
| 12.2 PERSISTENCE & DEGRADABILITY | No Data. |
| 12.3 BIO- ACCUMULATIVE POTENTIAL | No additional Data Available. |
| 12.4 MOBILITY IN SOIL | NO ADDITIONAL DATA AVAILABLE. |
| 12.5 RESULTS OF PBT & VPVB ASSESSMENT | NO ADDITIONAL DATA AVAILABLE. |
| 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. DO NOT REUSE CONTAINER. |

| SECTION 14: Transport Information | | |
|--|--|--|
| 14.1 TRANSPORT INFORMATION | | |
| | ROAD: NOT CLASSIFIED | |
| UN NUMBER | SEA: NOT CLASSIFIED | |
| | AIR: NOT CLASSIFIED | |
| 14.2 | NOT APPLICABLE. | |
| UN Shipping Name | NOT APPLICABLE. | |
| 14.3 TRANSPORT HAZARD CLASS(ES) | NOT APPLICABLE. | |
| 14.4 | | |
| PACKING GROUP | NOT APPLICABLE. | |
| 14.5 | NOT ENVIRONMENTALLY HAZARDOUS FOR TRANSPORT. | |
| ENVIROMENTAL HAZARDS 14.6 | THOT ENVIRONMENTALLY HAZARDOUST OR TRANSPORT. | |
| SPECIAL PRECAUTIONS FOR USER | SEE SECTIONS 6-8. | |
| 14.7 | | |
| TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC | NOT APPLICABLE. | |
| CODE. | | |
| SECTION 15: REGULATORY INFORMATION | | |
| 15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION | | |
| | 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 | |
| EU DIRECTIVES | CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE | |
| EU DIRECTIVES | 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). | |
| _ | THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I. 2009 | |
| STATUTORY INSTRUMENTS | No 716). | |
| Approved Code of Practice | CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA | |
| | CLASSIFICATION & LABELLING OF SUBSTAINCES & PREPARATIONS DAINGEROUS FOR SUPPLY. SAFETY DATA | |



| | SHEETS FOR SUBSTANCES & PREPARATIONS. |
|----------------------------|--|
| GUIDANCE NO | WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108. |
| 15.2 | ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO |
| CHEMICAL SAFETY ASSESSMENT | ARTICLE 31 OF REACH 1907/2006. |

| SECTION 16: OTHER INFORMATION | | |
|---|---|--|
| Hazard and/ or Precautionary Statements in full | H226 - FLAMMABLE LIQUID AND VAPOUR. H302 - HARMFUL IF SWALLOWED. H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 - CAUSES SKIN IRRITATION. H317 - MAY CAUSE AN ALLERGIC SKIN REACTION. H319 - CAUSES SERIOUS EYE IRRITATION. H341 - SUSPECTED OF CAUSING GENETIC DEFECTS IF INHALED. H351 - SUSPECTED OF CAUSING CANCER IF INHALED. H400 - VERY TOXIC TO AQUATIC LIFE. H410 - VERY TOXIC 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 |
| DECEMBER 2020 | Review |
| | |



SPECIFICATION SHEET

PRODUCT NAME: BASIL, ESSENTIAL OIL (METHYL CHAVICOL TYPE)

PRODUCT INCI: OCIMUM BASILICUM OIL

CAS NUMBER: 8015-73-4 / 84775-71-3

EINECS NUMBER: 283-900-8

| ANALYTICAL DETAILS | RANGE |
|-------------------------|------------------------------|
| Appearance | LIQUID |
| Colour | PALE YELLOW – YELLOW - BROWN |
| Odour | Characteristic of Basil |
| SPECIFIC GRAVITY @ 20°C | 0.900 – 0.973 |
| REFRACTIVE INDEX @ 20°C | 1.490 – 1.530 |
| OPTICAL ROTATION (°C) | -15.0 to +2.0 |

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

O_{CTOBER} 2027



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Basil

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.

17-1-25