



MSDS – Basil, essential oil (Methyl Chavicol Type)

Compilation date: 10/04/2018

Section 1: Identification of the substance/mixture and of the company/undertaking

Product name: **Basil, essential oil (Methyl Chavicol Type)**

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

EINECS number: 283-900-8

INCI name: OCIMUM BASILICUM OIL

THE VOLATILE OIL OBTAINED FROM THE LEAVES OF THE BASIL, OCIMUM BASILICUM L.,
LABIATAE.

Synonyms & trade names: BASIL OIL TROPICAL / BASIL OIL MC

1.2. Details of the supplier of the MSDS

Company name: Amour Natural

Unit 6 Adlam's Central Park, Wirral Park Road, Glastonbury BA6 9XE

Tel: 01458 898030

Email: info@amournatural.co.uk

1.4. Emergency telephone number

01458 898030

Section 2: Hazards identification

CLASSIFICATION 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)

LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.



Signal word: Warning

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

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.
P362+P364 TAKE OFF CONTAMINATED CLOTHING. AND WASH IT BEFORE REUSE.

This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

≤ **76.0% ESTRAGOLE** CAS-NO: 140-67-0, EC NO: 205-427-8
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

ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
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.

Ingestion: GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION. INGESTION MAY CAUSE NAUSEA AND VOMITING.

Inhalation: GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.

Most important symptoms and effects, both acute and delayed: no data available

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED: NOTE TO PHYSICIANS: TREAT SYMPTOMATICALLY.

Section 5: Fire-fighting measures

Extinguishing media: FOAM, CO₂, DRY CHEMICAL POWDER.

Special hazards arising from the substance or mixture: BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES

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 measures

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.

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.

Clean-up procedures:

METHODS FOR CONTAINMENT:

CONTAIN AND COLLECT SPILLAGE WITH NON-COMBUSTIBLE ABSORBENT MATERIAL, (E.G. SAND, EARTH, DIATOMACEOUS EARTH, 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.

Reference to other sections: REFER & CONSIDER SECTIONS 4, 7, 8 & 13.

Section 7: Handling and storage

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.

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.

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

Engineering measures: ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. PROVIDE SAFETY SHOWERS AND EYEWASH STATIONS THROUGHOUT THE WORK AREA.

Respiratory protection: 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.

Hand protection: WEAR SUITABLE PROTECTIVE GLOVES.

Eye protection: AVOID CONTACT WITH EYES. WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

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.

Environmental exposure controls: AVOID DISCHARGING INTO DRAINAGE WATER.

Section 9: Physical and chemical properties

Appearance: Mobile Liquid

Colour: Light yellow- yellow brown

Odour: characteristic

Flash point°C: 80

Refractive index @20°C: APPROX. 1.510 @ 20°C

INSOLUBLE IN WATER

Relative density:0.935 @20°C

Section 10: Stability and reactivity

Reactivity: NOT ADDITIONAL DATA AVAILABLE.

Chemical stability: STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

Hazardous reactions: NONE

Conditions to avoid: STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.

Incompatible materials: AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.

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.

Section 11: Toxicological information

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 THRESHOLD VALUE.

STOT – SINGLE AND REPEATED EXPOSURE: NOT APPLICABLE

ASPIRATION HAZARD: NOT APPLICABLE

Section 12: Ecological information

Ecotoxicity values: HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Persistence and degradability, Bio-accumulative potential, Mobility in soil: NO ADDITIONAL DATA

This product is not identified as a PBT/vPvB substance.

Section 13: Disposal considerations

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

This product does not require a classification for transport.

Section 15: Regulatory information

EU DIRECTIVES: REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18TH 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.

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

Section 16: Other information

Phrases used in s.2 and s.3:

Legal disclaimer:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

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. H412 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.