



MSDS –Petitgrain ESSENTIAL OIL

Compilation date: 10/04/2018

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

Product name: PETITGRAIN ESSENTIAL OIL

CAS number: 68916-04-1/72968-50-4

EINECS number: 277-143-2

INCI name: CITRUS AURANTIUM AMARA LEAF/TWIG OIL

THE VOLATILE OIL OBTAINED BY STEAM DISTILLATION OF THE BRANCHES, TWIGS AND LEAVES OF AN ACCLIMATISED VARIETY OF THE BITTER ORANGE TREE CITRUS AURANTIUM L. SUBSP. AURANTIUM

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

Emergency telephone number

01458 898030

Section 2. Hazards identification

CLASSIFICATION (67/548/EEC): THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.

CLASSIFICATION (EU1272/2008):

SKIN CORROSION / IRRITATION CATEGORY 2

EYE DAMAGE / IRRITATION CATEGORY 1

SENSITIZATION - SKIN CATEGORY 1

ASPIRATION HAZARD CATEGORY 1

HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD CATEGORY 2 H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

H315, CAUSES SKIN IRRITATION.

H317, MAY CAUSE AN ALLERGIC SKIN REACTION.

H318, CAUSES SERIOUS EYE DAMAGE.

H411, TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

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



Signal word: Danger

Contains: GERANYL ACETATE, GERANIOL, BETA PINENE, NEROL, (S)-P-MENTHA-1,8-DIENE, A TERPINOLENE, ALPHA PINENE

Hazards statement:

H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

H315 CAUSES SKIN IRRITATION.

H317 MAY CAUSE AN ALLERGIC SKIN REACTION.

H318 CAUSES SERIOUS EYE DAMAGE.

H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Precautionary statements:

P264, WASH HANDS AND OTHER CONTACTED 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/EYE PROTECTION/FACE PROTECTION.

P301/310, IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

P302/352, IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P305/351/338, IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P310, IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

P331, DO NOT INDUCE VOMITING.

P333/313, IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P362, TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

P391, COLLECT SPILLAGE.

P405, STORE LOCKED UP.

P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS.

P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.

ADVERSE PHYSIO-CHEMICAL PROPERTIES: no data

ADVERSE EFFECTS ON HUMAN HEALTH: no data

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

Section 3: Composition/information on ingredients

50 - 100% LINALYL ACETATE

CLASSIFICATION (EC 1272/2008)

CAS: 115-95-7 EC: 204-116-4 SKIN IRRIT. 2 - H315; EYE IRRIT. 2 - H319

20 - <50% LINALOOL

CLASSIFICATION (EC 1272/2008)

CAS: 78-70-6 EC: 201-134-4 SKIN IRRIT. 2 - H315; EYE IRRIT. 2 - H319

5 - <10.0% ALPHA-TERPINEOL

CLASSIFICATION (EC 1272/2008)

CAS: 98-55-5 EC: 202-680-6 SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319

5 - <10.0% GERANYL ACETATE

CLASSIFICATION (EC 1272/2008)

CAS: 105-87-3 SKIN IRRIT. 2 - H315, EC: 203-341-5 SKIN SENS. 1B - H317, AQUATIC CHRONIC 3 - H412

1.0 – <5.0% GERANIOL

CLASSIFICATION (EC 1272/2008)

CAS: 106-24-1 EC: 203-377-1 SKIN IRRIT. 2 - H315, EYE DAM. 1 - H318, SKIN SENS. 1 - H317

1.0 – <5.0% NERYL ACETATE

CLASSIFICATION (EC 1272/2008)

CAS: 141-12-8 EC: 205-459-2 SKIN IRRIT. 2-SKIN SENS. 1B;H315-H317,-

1.0 – <5.0% MYRCENE

CLASSIFICATION (EC 1272/2008)

CAS: 123-35-3 EC:204-622-5

FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, ASP. TOX. 1 - H304

1.0–<5.0% NEROL

CLASSIFICATION (EC 1272/2008)

CAS: 106-25-2 EC: 203-378-7

SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, EYE IRRIT. 2 - H319

1.0 – <5.0% BETA-PINENE

CLASSIFICATION (EC 1272/2008)

CAS: 127-91-3 EC: 204-872-5

M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN

1.0 – <5.0% LIMONENE

CLASSIFICATION (EC 1272/2008)

CAS: 7705-14-8 EC: 231-732-0

FLAM. LIQ.3-SKIN IRRIT.2-SKIN SENS. 1B-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC CHRONIC 1; H226-H304-H315- H317-H410,

1.0 – <5.0% CIS-BETA-OCIMENE

CLASSIFICATION (EC 1272/2008)

CAS: 3338-55-4 EC: 222-081-3

FLAM. LIQ. 3-SKIN IRRIT. 2-ASP. TOX 1-AQUATIC ACUTE 1-AQUATIC CHRONIC 2;H226-H304- H315-H400-H411,-

1.0 – <5.0% BETA-CARYOPHYLLENE

CLASSIFICATION (EC 1272/2008)

CAS: 87-44-5 EC: 201-746-1

SKIN SENS. 1B-ASP. TOX 1;H304-H317,-

0.1-<1% DELTA-3-CARENE

CLASSIFICATION (EC 1272/2008)

CAS: 13466-78-9 EC: 236-719-3

CHRONIC 1; H226-H304-H315- H317-H410,-FLAM. LIQ. 3-SKIN IRRIT. 2-SKIN SENS. 1-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC

0.1-<1% TERPINOLENE

CLASSIFICATION (EC 1272/2008)

CAS: 586-62-9 EC: 209-578-0

SKIN SENS. 1B-ASP. TOX 1-AQUATIC ACUTE 1- AQUATIC CHRONIC 1; H304-H317- H410,-

0.1 - 1% ALPHA-PINENE

CLASSIFICATION (EC 1272/2008)

CAS: 80-56-8 EC: 201-291-9

M FACTOR (ACUTE) = 1 M FACTOR (CHRONIC) = 1 FLAM. LIQ. 3 - H226, SKIN IRRIT. 2- H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

0.1 - 1% EUCALYPTOL

CLASSIFICATION (EC 1272/2008)

CAS: 470-82-6 EC: 207-431-5

FLAM. LIQ. 3-SKIN SENS. 1B;H226-H317,-

0.1 - 1% TRANS-NEROLIDOL

CLASSIFICATION (EC 1272/2008)

CAS: 40716-66-3 EC: 255-053-4

SKIN SENS. 1B-AQUATIC ACUTE 1-AQUATIC CHRONIC 1;H317-H410,-

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.

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:

MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION.

MAY CAUSE AN ALLERGIC SKIN REACTION.

CAUSES SERIOUS EYE DAMAGE.

Indication of any immediate medical attention and special treatment needed: NONE EXPECTED

Section 5: Fire-fighting measures

Extinguishing media: Carbon dioxide. Dry chemical powder. Foams

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.

METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP: REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.

Reference to other sections: REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

Section 7: Handling and storage

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.

Conditions for safe storage, including any compatibilities: 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.

Specific end use(s): FRAGRANCES, NATURAL COSMETICS AND SPA TREATMENTS: USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES.

Section 8: Exposure controls/personal protection

Control parameters: NOT APPLICABLE

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 / 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.

ENVIRONMENTAL EXPOSURE CONTROLS: AVOID DISCHARGING INTO DRAINAGE WATER.

Section 9: Physical and chemical properties

Appearance: Clear

Colour: yellow to brown

Odour: Characteristic

Solubility in water: insoluble

Flash point °C: 75

Relative density: 0.881 to 0.911 @20°C

Refractive index @20°C: 1.4550 to 1.4620

Other information: No data available

Section 10: Stability and reactivity

Reactivity: NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.

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

Possibility of hazardous reactions: No

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

Incompatible materials: Strong oxidising substances

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: No data available.

Skin irritation: Skin corrosion / irritation category 2

Eye damage or irritation: EYE DAMAGE / IRRITATION CATEGORY 1

RESPIRATORY OR SKIN SENSITIVITY: SENSITIZATION - SKIN CATEGORY 1

GERM CELL MUTAGENICITY, CARCINOGENICITY: NO DATA

REPRODUCTIVE TOXICITY, STOT – SINGLE EXPOSURE, STOT – REPEATED EXPOSURE: NOT APPLICABLE

ASPIRATION HAZARD: ASPIRATION HAZARD CATEGORY 1

Section 12: Ecological information

Toxicity: No data

Persistence and degradability: No data

Bio-accumulative potential: No data

Mobility: No data

PBT identification: This product is not identified as a PBT and vPvB substance

Other adverse effects: DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR WATERWAYS.

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.

Section 14: Transport information

UN Number:

ROAD: 3082

RAIL: 3082

AIR: 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.

Transport hazard class(es):

ADR/RID/ADN CLASS 9

IMDG CLASS 9

ICAO CLASS/DIVISION 9

Packing group:

ADR/RID/ADN PACKING GROUP III

IMDG PACKING GROUP III

ICAO PACKING GROUP

Environmental hazards: ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

Special precautions for user:

EMS F-A, S-F

ADR TRANSPORT CATEGORY 3

EMERGENCY ACTION CODE •3Z

HAZARD IDENTIFICATION NUMBER (ADR/RID) 90

TUNNEL RESTRICTION CODE (E)

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.

GUIDANCE NOTES: WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.

Chemical safety assessment: An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

Section 16: Other information

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL:

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.

H318 CAUSES SERIOUS EYE DAMAGE.

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.

Other information: 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.

Legal disclaimer: 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.