



## MSDS- BERGAMOT ORGANIC

Compilation Date: 10/04/2018

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

Product name: Bergamot, Essential Oil Organic

CAS: 89957-91-5

EINECS: 289-612-9

INCI NAME: CITRUS AURANTIUM BERGAMIA PEEL OIL EXPRESSED

#### 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

#### 1.3 Emergency telephone number

01458 898030

### Section 2: Hazards Identification

2.1 Classification under CLP: FLAM LIQ 3 : H226 FLAMMABLE LIQUID AND VAPOUR.

ASP TOX 1 : H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

SKIN IRRIT. 2 : H315 CAUSES SKIN IRRITATION.

SKIN SENS. 1 : H317 MAY CAUSE AN ALLERGIC SKIN REACTION.

AQUATIC CHRONIC 1 : H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Most important adverse effects: WITH THE PRESENCE OF VARIOUS FUROCOUMARINS THE PRODUCT MAY HAVE PHOTOTOXIC EFFECTS (SKIN).

#### 2.2. Label elements

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.

H319, CAUSES SERIOUS EYE IRRITATION.

H410, VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Hazard pictograms:



Signal words: Danger

Precautionary statements:

P210, KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING.  
P233, KEEP CONTAINER TIGHTLY CLOSED.  
P240, GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.  
P241, USE EXPLOSION-PROOF ELECTRICAL, VENTILATING AND LIGHTING EQUIPMENT.  
P242, USE ONLY NON-SPARKING TOOLS.  
P243, TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
P261, AVOID BREATHING VAPOUR OR DUST.  
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.  
P303/361/353, IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.  
P305/351/338, IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P331, DO NOT INDUCE VOMITING.  
P333/313, IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.  
P337/313, IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.  
P362, TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.  
P370/378, IN CASE OF FIRE: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM FOR EXTINCTION.  
P391, COLLECT SPILLAGE.  
P403/235, STORE IN A WELL-VENTILATED PLACE. KEEP COOL.  
P405, STORE LOCKED UP.  
P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS.

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

**Section 3: Composition/information on ingredients**

LIMONENE

CAS: 5989-27-5

EINECS: 227-813-5

CLP CLASSIFICATION: FLAM. LIQ. 3 – H226, SKIN IRRIT 2 – H315 ASP TOX. 1 – H304, SKIN SENS. 1 – H317 AQUATIC ACUTE 1 – H400, AQUATIC CHRONIC 1 – H410

PERCENT: <37%

LINALYL ACETATE

EINECS: 204-116-4

CAS: 115-95-7

CLP CLASSIFICATION: Eye Irrit. 2: H319; Skin Irrit. 2: H315  
PERCENT: <34%

#### LINALOOL

EINECS: 201-134-4

CAS: 78-70-6

CLP CLASSIFICATION: ACUTE TOX. 5 - H303, SKIN IRRIT. 2 - H315, AQUATIC ACUTE 3 - H402  
PERCENT: <16%

#### BETA-PINENE

EINECS: 204-872-5

CAS: 127-91-3

CLP CLASSIFICATION: FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN  
SENS. 1 - H317  
PERCENT: <8%

#### Y-TERPINENE

EINECS: 202-794-6

CAS: 99-85-4

CLP CLASSIFICATION: FLAM. LIQ. 3 - H226, ASP TOX. 1 - H304;  
PERCENT: <8%

#### MYRCENE

CAS: 123-35-3

EINECS: 204-622-5

CLP CLASSIFICATION: FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, ASP.  
TOX. 1 - H304  
PERCENT: <1.5%

#### SABINENE

CAS: 123-35-3

EINECS: 204-622-5

CLP CLASSIFICATION: FLAM. LIQ. 3 - H226  
PERCENT: <1%

#### ALPHA-PINENE

EINECS: 201-291-9

CAS: 80-56-8

CLP CLASSIFICATION: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1:  
H304; AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410  
PERCENT: <1%

### Section 4: First Aid Measures

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

Ingestion: GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALLY THE POISON CENTRE OR DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.

Skin contact: REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.

Eye contact: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

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 IRRITATION.

### **Section 5: Fire Fighting Measures**

5.1 Extinguishing media: Use CO<sub>2</sub>, Dry Powder or Foam

5.2 Exposure hazards: in combustion emits toxic, irritating and obnoxious fumes.

5.3 Advice for fire fighters: wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### **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. AVOID INHALATION.

Environment precautions: Keep away from drains, soils, surface & groundwaters.

Cleaning up methods: 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.

### **Section 7: Handling and Storage**

7.1 Precautions in 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 Storage conditions: 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: Flavours and fragrances

### **Section 8: Exposure Controls/ Personal Protection**

Personal protection: Apply good hygiene practices. Avoid inhalation and contact with skin and eyes. Ensure ventilation.

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible. Where high levels of vapour are present use a respirator.

Eye Protection: Use safety glasses.

Hand protection: protective gloves

Skin protection: wear protective clothing

Environment protection: Avoid discharging into drainage water.

### **Section 9: Physical and Chemical Properties**

State: Liquid

Colour: Green  
Odour: Characteristic, citrus  
Relative density: 0.870-0.883  
Flash point °C: 58  
Refractive index @ 20°C: 1.460 to 1.470  
Solubility in water: Insoluble

#### **Section 10: Stability and Reactivity**

Reactivity: N/A  
Chemically stable under normal storage conditions <15°C  
No possibility of hazardous reactions  
Avoid concentrated acids,alkalis and oxidising agents.  
Decomposition: 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: LD50-11.52 g/kg  
Causes skin irritation/ allergic reaction. May be fatal if swallowed and enters airways.

#### **Section 12: Ecological Information**

12.1 Ecotoxicity Values: AQUATIC LIFE: HAZARD STATEMENT: H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. ALGAE/AQUATIC PLANTS: EC50 6.2 MG/L (48H) CALCULATED VALUE [SOURCE RIFM]. FISH/AQUATIC INVERTEBRATES: NO ADDITIONAL DATA AVAILABLE. PNECS: NO ADDITIONAL DATA AVAILABLE.  
12.2 Persistence and degradability: No data available  
12.3 Bio-accumulative potential: No data available  
12.4 Mobility in Soil: no data available  
12.5 This product is not identified as a PBT/vPvB substance  
12.6 Other Adverse effects: do not allow to enter sewers, streams or other waterways.

#### **Section 13: Disposal Considerations**

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: 1169  
Shipping name: EXTRACTS, AROMATIC, LIQUID  
Transport class: III

#### **Section 15: Regulatory Information**

Specific Regulations: 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).

THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).

CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.

WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.

ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

### **Section 16: 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.

Phrases used in s.2 and s.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.

H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

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.