



MSDS- LIME (Steam distilled)

Compilation Date: 10/04/18

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

Product name: LIME OIL DISTILLED

CAS number: 8008-26-2/ 90063-52-8

INCI name: Citrus Aurantifolia Peel

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; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304

Most important adverse effects: Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

Hazard pictograms:

GHS08: Health hazard

GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



Signal words: Danger

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground/Bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/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/protective clothing/eye protection/face protection.

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

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P370+378: In case of fire: Use Foam, Dry Chemical, Carbon dioxide to extinguish. 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.

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

Section 3: Composition/information on ingredients

LIME Steam distilled

55.73% D-LIMONENE CAS-NO: 5989-27-5; EC NO.: 227-813-5

CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304- H315-H317-H410,-

17.35% Γ-TERPINENE (P-MENTHA-1,4-DIENE) CAS NO99-85-4 ; EC NO: 202-794-6

CLASSIFICATION (EC 1272/2008) FL 3-AH 1;H226-H304,-

9.65% TERPINOLENE CAS NO: 586-62-9 EC NO: 209-578-0

CLASSIFICATION (EC 1272/2008) SS 1B-AH 1-EH A1-EH C1; H304-H317-H410,-

8.3%P-MENTHA-1,3-DIENE CASNO:99-86-5 ECNO:202-795-1 CLASSIFICATION (EC 1272/2008) FL 3-ATO 4-AH 1-EH C2; H226-H302-H304-H411,-

3.51% P-CYMENE CAS NO: 99-87-6 EC NO: 202-796-7 CLASSIFICATION (EC 1272/2008) FL 3-AH 1-EH C2;H226- H304-H411,-

3.5%EUCALYPTOL CASNO:470-82-6 ECNO:207-431-5 CLASSIFICATION (EC 1272/2008) FL 3-SS 1B;H226-H317,-

3.5% 1,4-CINEOLE CAS NO: 470-67-7 EC NO: 20-428-9 CLASSIFICATION (EC 1272/2008) FL 3;H226,-

3.475% ALPHA-TERPINEOL CAS NO: EC NO: CLASSIFICATION (EC 1272/2008) SCI 2-EDI 2;H315-H319,-
2.835%A-PINENE CASNO:80-56-8; ECNO:201-291-9
CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304- H315-
H317-H410,-
2.665%B-PINENE CASNO:127-91-3; ECNO:20-872-5
CLASSIFICATION (EC 1272/2008). FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304- H315-
H317-H410,-
1.5% MYRCENE CAS NO: 123-35-3 EC NO: 204-622-5
CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-
0.825% L-.BETA.-BISABOLENE CAS NO: 495-61-4 EC NO: N/A CLASSIFICATION (EC
1272/2008) SCI 2-SS 1B-AH 1;H304- H315-H317,
0.736% CITRAL CASNO:5392-40-5 ECNO:226-394-6 CLASSIFICATION (EC 1272/2008). SCI 2-
EDI 2-SS 1B;H315- H317-H319,-
0.495% CAMPHENE CASNO:79-92-5 ECNO:201-234-8 CLASSIFICATION (EC 1272/2008) FS 2-
EDI 2-EH A1-EH C1; H228-H319-H410,-
0.495% BETA-CARYOPHYLLENE CAS NO: 87-44-5 EC NO: 201-746-1 CLASSIFICATION (EC
1272/2008) AH 1;H304,-
0.495% ALPHA-PHELLANDRENE CAS NO: 99-83-2 EC NO: 202-792-5 CLASSIFICATION (EC
1272/2008) FL 3-AH 1;H226-H304,-
0.33% DECANAL CAS NO: 112-31-2; EC NO: 203-872-5 CLASSIFICATION (EC 1272/2008) EDI
2-EH C3;H319-H412,-

Section 4: First Aid Measures

Skin contact: Remove contaminated clothes and footwear unless stuck to skin. Wash immediately with plenty of water. Get medical attention if irritation continues.

Ingestion: Immediately call a poison centre or doctor

Inhalation: Immediately call a poison centre or doctor, get fresh air

Eye contact: Flush eyes with water for 15 minutes. Get medical attention if irritation continues.

Most important symptoms and effects (acute and delayed)

May cause coughing and breathing difficulties if inhaled. Ingestion can cause irritation to respiratory tract and damage to nervous system. Toxic in contact with skin and can cause eye irritation.

Section 5: Fire Fighting Measures

5.1 Extinguishing media: Use CO₂, foam or dry chemical powder.

5.2 Exposure hazards: burning emits toxic, irritating and obnoxious fumes

5.3 Advice for fire fighters: wear positive-pressure self-contained breathing apparatus and protective clothing

Section 6: Accidental Release Measures

Ensure adequate ventilation in work area and avoid excessive inhalation. When handling wear PPE. Do not allow oil to be near sparks, flame or sources of ignition. Do not smoke near oil. Avoid contact with skin, eyes and clothing. If there is a spill evacuate to safe area with fresh air.

Environment precautions: Keep away from drains, rivers or ground

Cleaning up methods: Absorb into dry earth or sand

Section 7: Handling and Storage

7.1 Precautions in handling: Keep away from heat, sparks, open flames and hot surfaces. Smoking is forbidden. Do not eat or drink when using / handling the product. Practice good hygiene and safety precautions in work area.

7.2 Storage conditions: Keep away from sources of ignition and light. Keep container tightly closed in a dry, ventilated area.

Section 8: Exposure Controls/ Personal Protection

Respiratory protection: Not required, if there are high concentrations or vapour and limited ventilation use ventilator/mask.

Hand protection: Protective gloves

Eye protection: Face shield, goggles

Section 9: Physical and Chemical Properties

State: Liquid

Colour: yellow- green

Odour: Fruity, lime, sweet

Flash point°C: 40

Relative density: 0.849 – 0.859 @ 20°C

Refractive index @20°C: 1.47 - 1.478

Insoluble in water

Section 10: Stability and Reactivity

Reactivity: Presents no significant reactivity hazards, by itself or in contact with water.

Chemically stable under normal conditions (<15°C).

Hazardous reactions: Will not occur under normal transport or storage conditions.

Avoid heat and p.v.c. Does not decompose under normal conditions. In combustion produces irritating fumes, smoke and CO₂

Section 11: Toxicological Information

Acute Toxicity: ASSUMED TOXICITY VALUE (LD₅₀ OR ATE) FOR ACUTE ORAL TOXICITY: 5934.41 ASSUMED TOXICITY VALUE (LD₅₀ OR ATE) FOR ACUTE DERMAL TOXICITY: N/A ASSUMED TOXICITY VALUE (LC₅₀ OR ATE) FOR ACUTE INHALATION TOXICITY: N/A INHALATION ROUTE: N/A

TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

Section 12: Ecological Information

12.1 Ecotoxicity Values: DANGEROUS FOR THE ENVIRONMENT: MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

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 PRODUCT TO ENTER STREAMS, SEWERS 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: UN1169

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.

Transport class: 3

Packing group: III

Environmentally hazardous, marine pollutant.

Special precautions for user: TARIFF CODE: 3301131000. THIS PRODUCT CONTAINS FLAMMABLES AND DANGEROUS FOR THE ENVIRONMENT. IN CASE ON POURING OUT, MAKE SURE LABEL NEW PACKAGING ACCORDINGLY. REPRODUCING ORIGINAL LABEL WITH RELEVANT SYMBOLS.

Section 15: Regulatory Information

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.

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.

H411: 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.