



## MSDS- LEMONGRASS

Compilation date: 10/04/18

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

Product name: Lemongrass

CAS: 89998-14-1

EINECS: 289-752-0

INCI name: Cymbopogon Citrus Leaf oil

#### 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: SKIN IRRIT. 2 - H315; EYE DAM. 1 - H318; SKIN SENS. 1 - H317  
AQUATIC CHRONIC 2 - H411

#### 2.2. Label elements

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.

Hazard pictograms:

GHS05: Corrosion

GHS07: Exclamation mark

GHS09: Environmental



Signal words: Danger

Precautionary statements:

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.  
P261 AVOID BREATHING VAPOUR/SPRAY.  
P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.  
P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P302+352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.  
P310 IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. P332+313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION. P333+313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P362 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.  
P363 WASH CONTAMINATED CLOTHING BEFORE REUSE.  
P391 COLLECT SPILLAGE.  
P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL).  
P501 DISPOSE OF CONTENTS/CONTAINER TO ...

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

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

CITRAL

CAS: 5392-40-5

EINECS: 226-394-6

CLP CLASSIFICATION: SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317  
PERCENT: 70-78%

GERANIOL

CAS:106-24-1

EINECS: 203-377-1

CLP CLASSIFICATION: SKIN IRRIT. 2 - H315, EYE DAM. 1 - H318, SKIN SENS. 1 - H317  
PERCENT: 4-6%

LIMONENE

CAS: 5989-27-5

EINECS: 227-813-5

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: 1-2.5%

### **Section 4: First Aid Measures**

Inhalation: Get medical attention immediately. Remove from exposure site to fresh air. Keep at rest.

Ingestion: Wash out mouth with water. Immediately call a POISON CENTRE or doctor/physician.

Skin contact: Remove contaminated clothes immediately. 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.

**Most important symptoms and effects, both acute and delayed: May cause coughing and difficulties in breathing. If ingested it is irritating to the respiratory tract and can cause damage to central nervous system. Toxic in contact with skin and may cause 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 flames.

5.3 Advice for fire fighters: wear self-contained breathing apparatus and 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.

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

Cleaning up methods: Remove all potential 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: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Keep away from heat, sparks, open flames and hot surfaces. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

7.2 Storage conditions: KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.

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

Eye protection: Wear eye and face protection

Hand protection: Protective gloves

Respiratory protection: Under normal well-ventilated conditions without excessive levels of vapours protection is not needed. In conditions of high or prolonged use or other conditions of increased exposure, ensure increased ventilation and respirators are used.

Skin protection: Wear appropriate clothing to prevent contact. Keep good hygiene practices.

Personal protection: avoid inhalation and contact with skin and eyes.

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

Colour: Yellow-orange

State: Liquid

Odour: Sweet, lemon-like

Relative density @20°C: 0.880-0.905

Flash point°C: 71-85

Refractive index @20°C: 1.482-1.490

Solubility in water@20°C: 1:10 V/V ETHANOL 90%

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

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Chemically stable and not prone to reactions under normal conditions of use and storage. Avoid extremes of temperature above 15°C and P.V.C.

## **Section 11: Toxicological Information**

ACUTE TOXICITY

TOXIC DOSE 1 - LD 50

4400 MG/KG (ORAL RAT)

TOXIC DOSE 2 - LD 50 >2000

Skin corrosion/Irritation- hazardous calculated

Serious Eye damage/ irritation- hazardous calculated

Respiratory/ skin sensitisation- hazardous calculated

Aspiration hazard: hazardous calculated

**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: 3082

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

Packing group: III

Tunnel 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).

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

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**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:

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H317 MAY CAUSE AN ALLERGIC SKIN REACTION.

H318 CAUSES SERIOUS EYE DAMAGE.

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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.