



## MSDS- BLACK PEPPER

Compilation Date: 10/04/18

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

Product name: **Black pepper, essential oil**

CAS: 84929-41-9

EINECS: 284-524-7

INCI NAME: piper nigrum fruit oil

1.2 Use of substance / mixture: Flavour and Fragrance. Use in accordance with good manufacturing and industrial hygiene practices.

### 1.3. 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

2.1 Classification under CLP: FLAM. LIQ. 3 H226; ASP. TOX. 1 H304; SKIN IRRIT. 2 H315; SKIN SENS. 1 H317; AQUATIC ACUTE 1 H400; AQUATIC CHRONIC 1 H410

Most important adverse effects: May be fatal if swallowed and enters airways. Causes skin irritation or allergic skin reaction.

### 2.2 Label Elements

H226: FLAMMABLE LIQUID AND VAPOUR.

H315: CAUSES SKIN IRRITATION.

H317: MAY CAUSE AN ALLERGIC SKIN REACTION.

H304: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Hazard Pictograms:

GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



#### Precautionary Statements:

P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.  
P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.  
P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.  
P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
P240 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT.  
P233 KEEP CONTAINER TIGHTLY CLOSED.  
P242 USE ONLY NON-SPARKING TOOLS.  
P273 AVOID RELEASE TO THE ENVIRONMENT.  
P243 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.  
P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.  
P303+P361+P353 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.  
P362 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.  
P363 WASH CONTAMINATED CLOTHING BEFORE REUSE.  
P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.  
P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.  
P331 DO NOT INDUCE VOMITING.  
P302+P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.  
P391 COLLECT SPILLAGE.  
P405 STORE LOCKED UP.  
P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL.  
P501 DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.  
This product is not identified as a PBT/vPvB substance.

### Section 3: Composition/information on ingredients

CARYOPHYLLENE

EINECS: 201-746-1

CAS: 87-44-5

CLP CLASSIFICATION: Asp. Tox.1-H304

PERCENT: 20-35%

D-LIMONENE

EINECS: 227-813-5

CAS: 5989-27-5

CLP CLASSIFICATION: FLAM.LIQ.3,H226, AQUATICACUTE1,H400;AQUATICCHRONIC1,H410

SKIN IRRIT. 2, H315; SKIN SENS. 1, H317

PERCENT: 15-25%

BETA-PINENE

EINECS: 204-872-5

CAS: 127-91-3

CLP CLASSIFICATION: FLAM. LIQ. 3, H226, ASP. TOX. 1, H304, AQUATIC ACUTE 1, H400;

AQUATIC CHRONIC 1, H410, SKIN SENS. 1, H317

PERCENT: 5-15%

DELTA-3-CARENE

EINECS: 236-719-3

CAS: 13466-78-9

CLP CLASSIFICATION: FLAM. LIQ. 3, H226, ASP. TOX. 1, H304, AQUATIC CHRONIC 2, H411

SKIN SENS. 1, H317

PERCENT: 5-15%

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

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

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

Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Do not induce vomiting. Rinse mouth out with water. Seek medical advice immediately.

#### **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 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**

Ensure adequate ventilation of working area, no smoking.

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

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

Cleaning up methods: Remove all potential ignition sources. Contain spilled material with sand or inert powder. Cover with an inert, inorganic, non-combustible absorbent material such as dry lime, sand or soda ash. Dispose of according to local disposal regulations.

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

7.1 Precautions in handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink

or smoke whilst handling. Keep away from heat, sparks, open flame and hot surfaces. Use PPE.  
7.2 Storage conditions: Store in original packaging, keep container tightly sealed. Store in a cool, dry well-ventilated place away from heat.

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

Eye protection: Use approved goggles, have eye bath on site.

Skin protection: Wear gloves and protective clothing. Avoid contact and wash hands regularly and before eating

Respiratory protection: Do not inhale, wear a mask.

Work/Hygiene practices: Wash hands with soap & water after handling.

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

Colour: Clear pale green/yellow/blue

Appearance/state: Liquid

Odour: Warm and spicy

Relative density @20°C: 0.864-0.884

Flash point °C: 46-50°C

Refractive index @20°C: 1.474-1.492

Solubility in water: insoluble

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

Reactivity: not applicable

Chemical stability: Stable under storage conditions >15°C

Hazardous reaction: Flammable liquid

Conditions to avoid: temperatures above 15°C, heat, flames and sources of ignition. Avoid acids, alkalis and oxidizing agents.

Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon monoxide.

#### **Section 11: Toxicological Information**

Irritant to skin and mucous membranes. May cause an allergic skin reaction. May be fatal when swallowed and enters airways.

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

12.1 Ecotoxicity Values: H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 TOXIC TO AQUATIC LIFE WITH LONG

12.2 Persistence and degradability: No data available

12.3 Bio-accumulative potential: No data available

12.4 Mobility in soil: Very toxic to aquatic life with long lasting effects. Avoid release into the environment

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 with authorized waste management services, in accordance with local and national waste regulations.

#### **Section 14: Transport Information**

UN 1993: applies

Road (ADR/RID): UN 1169

Air (IATA): UN 1169

Sea (IMDG): UN 1169

Proper shipping name: Aromatic, liquid, environmentally hazardous

Marine pollutant

Packing group: III

#### **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.

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:

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.

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**

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.