



Material Safety Data Sheet

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

1.1 Product identification:

Product name:- Lavender Essential Oil

Biological Definition:- Lavandula Angustifolia Leaf Oil is an essential oil steam distilled from the flowering leaves of the lavender, Lavandula Angustifolia Labiatae

Inci Name:- Lavandula Angustifolia Leaf Oil

Synonyms & Trade Names:- N/A

Cas No:- 90063-37-9

EC no:- 289-995-2

EINECS No:- 289-995-2

Date: August 2021

1.2 Details of the supplier of the safety data sheet:

Company Address:- Vilana NB LTD, Unit 22A Dickson Street, Elgin Industrial Estate, Dunfermline KY12 7SL

Email:- vilananb@gmail.com

Emergency Contact:- Vilana Bagdone

Section 2: Hazards Identification

2.1 Classification of the substance or mixture:

Classification (67/548/EEC):- No additional data available

Classification: (EU1272/2008):-

PHYSICAL HAZARDS: NOT CLASSIFIED.

HEALTH HAZARDS: ASP. TOX. 1 – H304, SKIN

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

IRRIT. 2 - H319 ENVIRONMENTAL HAZARDS:

AQUATIC CHRONIC 3 – H412

2.2 Label Elements:- Label in accordance with regulation (EC) No 1272/2008

GHS Label:- GHS07  GHS08 

Signal Word:- Danger

Contains:- Ocimene, d-Limonene

Hazards Statement:- 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.

H412: HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Precautionary Statements:- P261: AVOID BREATHING MIST/VAPOURS/SPRAY.

P301+P310: IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR.

P302+P352: IF ON SKIN: WASH WITH PLENTY OF WATER.

P305+P351+P338: 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+P313: IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P337+P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.

Supplementary Precautionary Statements:- P264: WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.

2.3 Other Hazards:

Adverse Physio-Chemical Properties:- NO ADDITIONAL DATA AVAILABLE

Adverse Effects On Human Health:- NO ADDITIONAL DATA AVAILABLE

PBT or vPvB According to Annex X111:- NO ADDITIONAL DATA AVAILABLE

Section 3: Composition of Ingredients:

3.1 Substances:- 20.0 – 40.0% LINALYL ACETATE CAS NO: 115-95-7, EC NO: 204-116-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2, H315; EYE IRRIT. 2, H319 ≤ 34% LINALOOL CAS NO: 78-70-6 EC NO: 201-134-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2, H315; SKIN SENS. 1B H317; EYE IRRIT. 2, H319 3.0 - 10.0% OCIMENE CAS NO: 13877-91-3, EC NO: 237-641-2 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3, H226; ASP. TOX. 1, H304 2.0 – 5.0% TERPINEN-4-OL CAS NO: 562-74-3, EC NO: 209-235-5 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4, H302; SKIN IRRIT. 2, H315; EYE IRRIT. 2, H319 ≤1.5% OCT-1-EN-3-YL ACETATE CAS NO: 2442-10-6, EC NO: 219-474-7 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4, H302; SKIN SENS.1, H317 ≤1.0% D-LIMONENE CAS NO: 5898-27-5, EC NO: 227-813-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3, H226, ASP. TOX. 1, H304, SKIN IRRIT. 2, H315; SKIN SENS. 1, H317; AQUATIC ACUTE 1, H400 ;AQUATIC CHRONIC 1, H410

SECTION 4: FIRST AID MEASURES:

4.1 DESCRIPTION OF FIRST AID MEASURES:-

GENERAL INFORMATION - ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.

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

INGESTION:- GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.

SKIN CONTACT:- REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT DOCTOR IF IRRITATION PERSISTS.

EYE CONTACT:- FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT DOCTOR IF SYMPTOMS PERSIST.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED):- NO ADDITIONAL DATA AVAILABLE

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED:- TREAT SYMPTOMATICALLY

SECTION 5: FIRE FIGHTING MEASURES:

5.1 EXTINGUISHING MATERIAL:- FOAM, CO₂, DRY CHEMICAL POWDER

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:- POSSIBLE DISCHARGE OF TOXIC GASES UPON BURNING. USE PROTECTIVE EQUIPMENT - GAS MASK.

5.3 ADVICE FOR FIRE-FIGHTERS SPECIAL PROTECTIVE EQUIPMENT 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

6.1 PERSONAL PRECAUTIONS:- ENSURE IMMEDIATE VENTILATION OF PREMISES. USE PERSONAL PROTECTIVE EQUIPMENT. REMOVE IGNITION SOURCES.

6.2 ENVIRONMENTAL PRECAUTIONS:- COVER FLOOD WITH INERT, NON COMBUSTIBLE MATERIALS. COLLECT IN A SUITABLE DISPOSAL CONTAINER. DO NOT ALLOW SEWERAGE LEAKING.

6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP:- ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.

6.4 REFERENCES TO OTHER SECTIONS:- REFER & CONSIDER SECTIONS 4, 7, 8 & 13.

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING:- OBSERVE FOOD HYGIENE IN THE PLACE OF STORAGE. DO NOT ALLOW SPILLING OF COMBUSTIBLE MATERIALS IN THE STORAGE PREMISES.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:- STORE IN DRY, INTACT, TIGHTLY SEALED CONTAINERS, AT COOL TEMPERATURES (5-15°C) AND AWAY OF SUNLIGHT.

7.3 SPECIFIC END USE(S):- NO DATA

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:- 3LINALYL ACETATE CAS NO: 115-95-7, EC NO: 204-116-4 TLV TWA - TLV STEL- VLE 8H- VLE SHORT: NONE. LINALOOL CAS NO: 78-70-6, EC NO: 201-134-4 TLV TWA - TLV STEL- VLE 8H- VLE SHORT: NONE. OCIMENE CAS NO: 13877-91-3, EC NO: 237-641-2 TLV TWA - TLV STEL- VLE 8H- VLE SHORT: NONE. TERPINEN-4-OL CAS NO: 562-74-3, EC NO: 209-235-5 TLV TWA - TLV STEL- VLE 8H- VLE SHORT: NONE. D-LIMONENE, CAS: 5989-27-5 NO, EC NO: 227-813-5 TLV TWA - TLV STEL- VLE 8H- VLE SHORT: NONE.

8.2 EXPOSURE CONTROLS:-



EYE PROTECTION:- WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

HAND PROTECTION:- WEAR PROTECTIVE GLOVES/ EYE PROTECTION/ FACE PROTECTION.

RESPIRATORY EQUIPMENT:- UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7

HYGIENE MEASURES:- GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.

ENGINEERING MEASURES:- PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION

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:- AVOID SKIN CONTACT. WEAR SUITABLE PROTECTIVE CLOTHING. SUITABLE TYPE OF PROTECTIVE CLOTHING : IN THE EVENT OF SUBSTANTIAL SPATTER, WEAR LIQUID-TIGHT PROTECTIVE CLOTHING AGAINST CHEMICAL RISKS (TYPE 3) IN ACCORDANCE WITH EN14605 TO PREVENT SKIN CONTACT. IN THE EVENT OF A RISK OF SPLASHING, WEAR PROTECTIVE CLOTHING AGAINST CHEMICAL RISKS (TYPE 6) IN ACCORDANCE WITH EN13034 TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHALL BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN SOILED MUST BE WASHED

PROCESS CONDITIONS:- ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.

ENVIRONMENTAL EXPOSURE CONTROLS:- AVOID DISCHARGING INTO DRAINAGE WATER. ONLY ELIMINATE BY AUTHORISED COMPANIES.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES:-

APPEARANCE:- LIQUID

COLOUR:- COLOURLESS TO PALE YELLOW.

ODOUR:- FRESH, AROMATIC, FLORAL

RELATIVE DENSITY:- APPROX 0.880 @ 20°C

FLASH POINT (°C):- 67°C

REFRACTIVE INDEX @ 20 °C:- APPROX 1.462 @ 20°C

SOLUBILITY IN WATER @ 20 °C:- INSOLUBLE IN WATER

9.2 OTHER INFORMATION:- BOILING POINT: 340°C

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY:- NOT APPLICABLE.

10.2 CHEMICAL STABILITY:- STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:- NO ADDITIONAL DATA AVAILABLE

10.4 CONDITIONS TO AVOID:- STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.

10.5 INCOMPATIBLE MATERIALS:- AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:- THERMAL DECOMPOSITION MAY RELEASE/FORM: CARBON MONOXIDE (CO) AND CARBON DIOXIDE(CO2)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:- NOT CLASSIFIED. LINALYL ACETATE CAS: 115-95-7, EC NO: 204-116-4 ORAL RAT LD50: 14600 MG/KG LINALOOL CAS: 78-70-6, EC NO: 201-134-4 ORAL LD50 (RAT): 2790 MG/KG DERMAL LD (RABBIT): > 5000 MG/KG OCIMENE CAS: 13877-91-3, EC NO: 237-641-2 LD50 ORAL (RATS):>5 G/KG LD50 DERMAL (RABBITS):>5 G/KG TERPINEN-4-OL CAS: 562-74-3, EC NO: 209-235-5 LD50 ORAL: 1.3 G/KG (RAT) LD50 ORAL: 5 G/KG (RABBIT) D-LIMONENE CAS: 5989-27-5, EC NO: 227-813-5 ORAL (RAT) : LD50 4400 MG/KG ORAL (MICE): LD50 > 5500 MG/KG DERMAL (RABBIT): LD50 >2000 MG/KG

SKIN IRRITATION:- CAUSES SKIN IRRITATION

EYE DAMAGE OR IRRITATION:- CAUSES SERIOUS EYE IRRITATION

RESPIRATORY OR SKIN SENSITIVITY:- MAY CAUSE AN ALLERGIC SKIN REACTION

GERM CELL MUTAGENICITY:- NOT CLASSIFIED

CARCINOGENICITY:- NOT CLASSIFIED

REPRODUCTIVE TOXICITY:- NOT CLASSIFIED

STOT – SINGLE EXPOSURE:- NOT CLASSIFIED

STOT – REPEATED EXPOSURE:- NOT CLASSIFIED

ASPIRATION HAZARD:- MAYBE FATAL IF SWALLOWED & ENTERS AIRWAYS

OTHER INFORMATION:- NO DATA.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY:- TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

12.2 PERSISTENCE & DEGRADABILITY:- NO ADDITIONAL DATA AVAILABLE

12.3 BIO- ACCUMULATIVE POTENTIAL:- NO ADDITIONAL DATA AVAILABLE

12.4 MOBILITY IN SOIL:- NO ADDITIONAL DATA AVAILABLE

12.5 RESULTS OF PBT & VPVB ASSESSMENT:- LIST OF SUBSTANCES DANGEROUS FOR THE ENVIRONMENT AND CORRESPONDING CLASSIFICATION

12.6 OTHER ADVERSE EFFECTS:- DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS

SECTION 13: DISPOSAL INFORMATION

13.1 WASTE TREATMENT METHODS:- ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORISED WASTE MANAGEMENT

SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

14.1 TRANSPORT INFORMATION:- NOT REGISTERED

14.2 UN SHIPPING NAME:- NONE

14.3 TRANSPORT HAZARD CLASS(ES):- NONE

TRANSPORT LABELS:- NONE

14.4 PACKING GROUP:- NONE

14.5 ENVIRONMENTAL HAZARDS:- NONE

14.6 SPECIAL PRECAUTIONS FOR USER EMS: SEE SECTIONS 6-8

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE:- NOT APPLICABLE

SECTION 15: REGULATORY INFORMATION

15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION:-

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.

15.2 CHEMICAL SAFETY ASSESSMENT:- 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.

H400: VERY TOXIC TO AQUATIC LIFE.

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

H412: HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.