



## Material Safety Data Sheet

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

#### 1.1 Product identification:

**Product name:-** Peppermint (Mentha Piperita), Essential Oil

**Biological Definition:-** Mentha Piperita Oil is the volatile oil obtained from the whole plant of the Peppermint, Mentha Piperita (L), Labiatae

**Inci Name:-** Mentha Piperita Oil

**Synonyms & Trade Names:-** Peppermint Oil

**Cas No:-** 8006-90-4 / 84082-70-2

**EC no:-** 282-015-4

**EINECS No:-** 282-015-4

**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](mailto:vilananb@gmail.com)

**Emergency Contact:-** Vilana Bagdone

### Section 2: Hazards Identification

#### 2.1 Classification of the substance or mixture:

**Classification (67/548/EEC):-** THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.

**Classification: (EU1272/2008):-**

PHYSICAL AND CHEMICAL HAZARDS: NOT CLASSIFIED. Human health: Acute Tox. 4 - H302; Skin Irrit. 2 - H315; Skin Sens. 1 - H317, Eye Irrit. 2 - H319 Environment : Aquatic Acute 2 - H401; Aquatic Chronic 2 - H411

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

**GHS Label:-** GHS07



**Signal Word:-** Danger

**Contains:-** D-LIMONENE, BETA-CARYOPHYLLENE, ALPHA-PINENE, BETA-PINENE

**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.

H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**Precautionary Statements:-**

P273 AVOID RELEASE TO THE ENVIRONMENT.

P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION.

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  
P391 COLLECT SPILLAGE.

P501 DISPOSE OF CONTENTS/ CONTAINER IN ACCORDANCE WITH NATIONAL REGULATIONS.

**Supplementary Precautionary Statements:-**

P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.

P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.

P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

### **2.3 Other Hazards:**

**Adverse Physio-Chemical Properties:-** NO DATA

**Adverse Effects On Human Health:-** MAY BE HARMFUL IN CONTACT WITH SKIN

**PBT or vPvB According to Annex X111:-** NO DATA

### **Section 3: Composition of Ingredients:**

**3.1 Substances:-** 30.0 – 50.0% L-MENTHOL CAS NO: 2216-51-5 EC NO: 218-690-9 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319

15.0 – 30.0% TRANS-MENTHONE CAS NO: 89-80-5 EC NO: 201-941-1 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, AQUATIC CHRONIC 3 – H412 2.0 – 10.0% 1,8-CINEOLE CAS NO: 470-82-6 EC NO: 207-431-5

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN SENS. 1B - H317  
2.0 – 10.0% L-MENTHYL ACETATE CAS NO: 2623-23-6 EC NO: 220-076-0  
CLASSIFICATION (EC 1272/2008) AQUATIC CHRONIC 2 - H411 1.0 – 8.0%  
DL-ISOMENTHONE CAS NO: 491-07-6 EC NO: 207-727-4 CLASSIFICATION (EC  
1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317 2.0 – 10.0% MENTHYL  
ACETATE CAS NO: 89-48-5 EC NO: 201-911-8 CLASSIFICATION (EC 1272/2008)  
AQUATIC CHRONIC 2 - H411  $\leq 7.0\%$  D-LIMONENE CAS NO: 5989-27-5 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 2.0 – 8.0% NEOMENTHOL CAS NO: 2216-52-6 EC  
NO: 218-691-4 CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315  $\leq 5.0\%$   
MENTHOFURAN CAS NO: 494-90-6 EC NO: 207-795-5 CLASSIFICATION (EC  
1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319,  
AQUATIC CHRONIC 2 - H411  $\leq 4.0\%$  BETA-CARYOPHYLLENE CAS NO: 87-44-5  
EC NO: 201-746-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN  
SENS. 1B - H317  $\leq 3.0\%$  ALPHA-PINENE CAS NO: 80-56-8 EC NO: 201-291-9  
CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302,  
ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC  
ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410  $\leq 3.0\%$  BETA-PINENE CAS NO:  
127-91-3 EC NO: 204-872-5 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  $\leq 2.0\%$  SABINENE CAS NO:  
3387-41-5 EC NO: 222-212-4 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 -  
H302  $\leq 1.0\%$  MYRCENE CAS NO: 123-35-3 EC NO: 204-622-5 CLASSIFICATION  
(EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315,  
EYE IRRIT. 2 - H319, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 2 - H411

## **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):-**  
INHALATION MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING. INGESTION IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM. SKIN CONTACT TOXIC IN CONTACT WITH SKIN. EYE CONTACT MAY CAUSE EYE IRRITATION

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED:-** NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION

## **SECTION 5: FIRE FIGHTING MEASURES:**

**5.1 EXTINGUISHING MATERIAL:-** CO<sub>2</sub>, FOAM, DRY CHEMICAL POWDER

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:-**  
BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES

**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 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.

**6.2 ENVIRONMENTAL PRECAUTIONS:-** DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.

**6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP:-**  
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

**6.4 REFERENCES TO OTHER SECTIONS:-** REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

## **SECTION 7: HANDLING & STORAGE**

**7.1 PRECAUTIONS FOR SAFE-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 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:-**

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(S):- NO DATA**

**SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION**

**8.1 CONTROL PARAMETERS:- NO DATA**

**8.2 EXPOSURE CONTROLS:-**



**EYE PROTECTION:-** WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)

**HAND PROTECTION:-** WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)

**RESPIRATORY EQUIPMENT:- NO DATA**

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

**ENGINEERING MEASURES:-** PROVIDE ADEQUATE VENTILATION

**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:-** WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS

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

**ENVIRONMENTAL EXPOSURE CONTROLS:-** AVOID DISCHARGING INTO DRAINAGE WATER.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

**9.1 PHYSICAL & CHEMICAL PROPERTIES:-**

**APPEARANCE:-** LIQUID

**COLOUR:-** COLOURLESS - PALE YELLOW

**ODOUR:-** CHARACTERISTIC, MINTY FRESH

**RELATIVE DENSITY:-** APPROX 0.902 @ 20°C

**FLASH POINT (°C):- 71°C**

**REFRACTIVE INDEX @ 20 °C:- APPROX 1.460 @ 20°C**

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

**9.2 OTHER INFORMATION:- NO DATA**

## **SECTION 10: STABILITY & REACTIVITY**

**10.1 REACTIVITY:- NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED**

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

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS:- NONE UNDER NORMAL PROCESSING**

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

**10.5 INCOMPATIBLE MATERIALS:- STRONG OXIDISING SUBSTANCES**

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:- THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS, UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES AND SMOKE AND CARBON MONOXIDE.**

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 TOXICOLOGICAL EFFECTS:**

**ACUTE TOXICITY:- HARMFUL IF SWALLOWED**

**SKIN IRRITATION:- CAUSES SKIN IRRITATION**

**EYE DAMAGE OR IRRITATION:- CAUSES EYE IRRITATION**

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

**GERM CELL MUTAGENICITY:- NO DATA**

**CARCINOGENICITY:- NO DATA**

**REPRODUCTIVE TOXICITY:- NOT APPLICABLE**

**STOT – SINGLE EXPOSURE:- NOT APPLICABLE**

**STOT – REPEATED EXPOSURE:- NOT APPLICABLE**

**ASPIRATION HAZARD:- THE CLP ADDITIVITY CALCULATION CLASSIFIES THE PRODUCT AS ASP TOX 1 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS**

**OTHER INFORMATION:- NO DATA.**

## **SECTION 12: ECOLOGICAL INFORMATION**

**12.1 TOXICITY:- THE CLP ADDITIVITY CALCULATION CLASSIFIES THE PRODUCT AS AQUATIC CHRONIC 2 - TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

**12.2 PERSISTENCE & DEGRADABILITY:- READILY BIODEGRADABLE**

**12.3 BIO- ACCUMULATIVE POTENTIAL:- NO DATA**

**12.4 MOBILITY IN SOIL:- NO DATA**

**12.5 RESULTS OF PBT & VPVB ASSESSMENT:- NO DATA**

**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 AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.**

### **SECTION 14: TRANSPORT INFORMATION**

**14.1 TRANSPORT INFORMATION:- ROAD: 3082 RAIL: 3082 AIR: 3082**

**14.2 UN SHIPPING NAME:- ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O.S**

**14.3 TRANSPORT HAZARD CLASS(EADR/RID ADR/RID – CLASS 9 ADR CLASSIFICATION CODE – ADR/RID/ADN CLASS 9 IMDG CLASS 9 ICAO CLASS/DIVISION 9**

**TRANSPORT LABELS:-**



**14.4 PACKING GROUP:- ADR/RID PACKING GROUP: III IMDG PACKING GROUP: III ICAO PACKING GROUP: III**

**14.5 ENVIRONMENTAL HAZARDS:- ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.**



**14.6 SPECIAL PRECAUTIONS FOR USER EMS: EMS F-A-S-F AIR TRANSPORT NOTES PACKING INSTRUCTION: 914 HAZARD NO. (ADR) 90 ENVIRONMENTALLY HAZARDOUS SUBSTANCE; MISCELLANEOUS DANGEROUS SUBSTANCES. TUNNEL RESTRICTION CODE (E)**

**14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE:- EMS: F-A,S-F**

### **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).

**15.2 CHEMICAL SAFETY ASSESSMENT:-** NO DATA

## **SECTION 16 OTHER INFORMATION**

### **HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL:-**

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.