



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: JUNIPERBERRY HIMALAYAN, ESSENTIAL OIL**

**BATCH NUMBER: 4383802**

PRODUCT INCI: JUNIPERUS COMMUNIS FRUIT

PRODUCT CODE: OEJUNIHIMA

CAS NUMBER: 8002-68-4 / 73049-62-4 / 84603-69-0

EINECS NUMBER: 283-268-3

MANUFACTURING METHOD: STEAM DISTILLED

BEST BEFORE DATE: JANUARY 2023

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS - PALE YELLOW	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.858 – 0.874	0.862
REFRACTIVE INDEX @ 20°C	1.468 – 1.482	1.470
OPTICAL ROTATION (°C)	-25.0 TO 0.0	-6.18

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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## Allergen Declaration:

PRODUCT NAME: Juniperberry Himalayan, Essential Oil

### COSMETIC ALLERGENS

*The Following is from the 7th amendment of the cosmetic directive of the European Union Annex iii.*

Annex IIIa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.000
68	BENZYL ALCOHOL	100-51-6	0.000
69	CINNAMYL ALCOHOL	104-54-1	0.000
70	CITRAL	5392-40-5	0.000
71	EUGENOL	97-53-0	0.000
72	HYDROXY-CITRONELLAL	97-53-1	0.000
73	ISOEUGENOL	97-53-2	0.000
74	AMYL CINNAMYL ALCOHOL	97-53-3	0.000
75	BENZYL SALICYLATE	97-53-4	0.000
76	CINNAMAL	97-53-5	0.000
77	COUMARIN	97-53-6	0.000
78	GERANIOL	97-53-7	0.000
79	HYDROXY-METHYLPENTYL CYCLOHEXENECARBOXALDEHYDE	97-53-8	0.000
80	ANISE ALCOHOL	97-53-9	0.000
81	BENZYL CINNAMATE	97-53-10	0.000
82	FARNESOL	97-53-11	0.000
83	BUTYLPHENYL METHYLPROPIONAL	97-53-12	0.000
84	LINALOOL	97-53-13	0.000
85	BENZYL BENZOATE	97-53-14	0.000
86	CITRONELLOL	97-53-15	0.000
87	HEXYL CINNAM-ALDEHYDE	97-53-16	0.000
88	LIMONENE	97-53-17	<5.000
89	METHYL HEPTIN CARBONATE	97-53-18	0.000
90	ALPHA-ISOMETHYL IONONE	97-53-19	0.000
91	EVERNIA PRUNASTRI EXTRACT	97-53-20	0.000
92	EVERNIA FURFURACEA EXTRACT	97-53-21	0.000

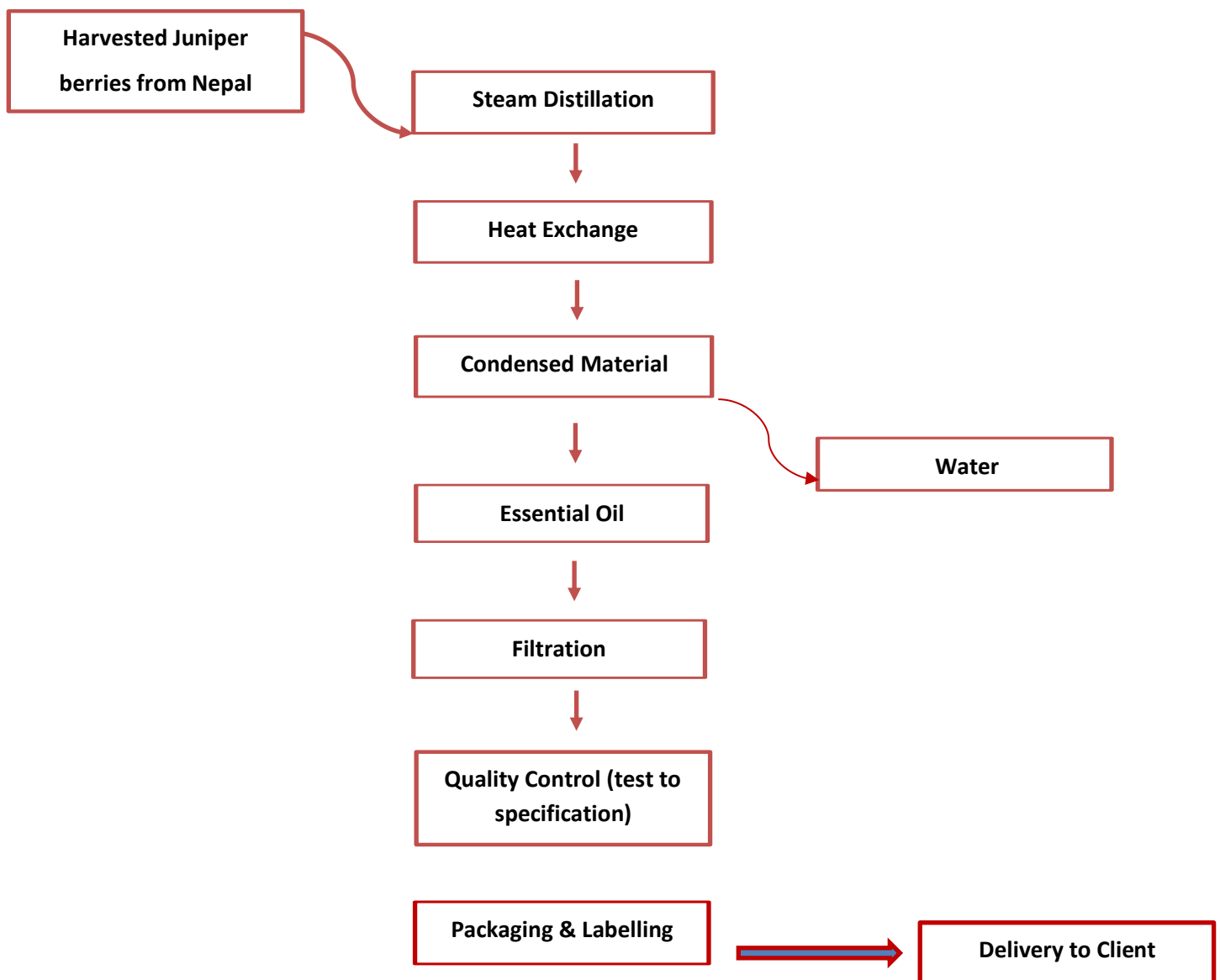
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## Composition Statement & Manufacturing Flow Chart

### Juniperberry, Essential Oil

INCI Name	% Inclusion	CAS Number
Juniperus Communis Fruit	100	8002-68-4 / 73049-62-4 / 84603-69-0



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## **NON-GMO CERTIFICATE**

PRODUCT NAME: **Juniperberry Himalayan Essential Oil**

To the best of our knowledge, the products listed below are not derived from Genetically Modified starting Raw materials or additives that are derived from Genetically Modified Organism and do not contain detectable of Genetically Modified material(known as PCR negative).



## IFRA STATEMENT

**PRODUCT NAME: JUNIPERBERRY, ESSENTIAL OIL**

PRODUCT INCI: JUNIPERUS COMMUNIS FRUIT

PRODUCT CODE: OEJUNIHIMA

CAS NUMBER: 8002-68-4 / 73049-62-4 / 84603-69-0

EINECS NUMBER: 283-268-3

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

MADAR CERTIFY THAT THE ABOVE NAMED MATERIAL CONFORMS TO THE IFRA 48 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 48<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	< 5.0	Specification Std

IFRA Classes	% Maximum Use Level
IFRA Class 1	Not Restricted
IFRA Class 2	Not Restricted
IFRA Class 3.A, 3.B, 3.C, 3.D	Not Restricted
IFRA Class 4.A, 4.B, 4.C, 4.D	Not Restricted
IFRA Class 5	Not Restricted
IFRA Class 6	Not Restricted
IFRA Class 7.A, 7.B	Not Restricted
IFRA Class 8.A, 8.B	Not Restricted
IFRA Class 9.A, 9.B, 9.C	Not Restricted
IFRA Class 10.A, 10.B	Not Restricted
IFRA Class 11	Not Restricted

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream	Class 5
Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 6
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7 A
Insect Repellent (intended to be applied to the skin).	Class 7 B
Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos).Face Cleansers of all types (washes, gels, scrubs, etc...).Shaving Creams of all types (stick, gels, foams, etc...).Body Washes of all types (including baby washes).Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) . Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B

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## Material Safety Data Sheet

EU Regulation: 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 PRODUCT IDENTIFICATION</b>					
<b>PRODUCT NAME</b>	JUNIPERBERRY HIMALAYAN, ESSENTIAL				
<b>BIOLOGICAL DEFINITION</b>	JUNIPERUS COMMUNIS FRUIT OIL IS THE VOLATILE OIL OBTAINED FROM THE BERRIES OF THE JUNIPER, JUNIPERUS COMMUNIS L., CUPRESSACEAE.				
<b>INCI NAME</b>	JUNIPERUS COMMUNIS FRUIT				
<b>SYNONYMS &amp; TRADE NAMES</b>	-				
<b>PRODUCT CODE</b>	OEJUNIHIMA				
<b>CAS-No</b>	8002-68-4 / 73049-62-4 / 84603-69-0	<b>EC No.</b>	283-268-3	<b>EINECS No.</b>	283-268-3
<b>1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>COMPANY ADDRESS</b>	MADAR Corporation Limited Unit 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA				
<b>EMAIL</b>	sales@madarcorporation.co.uk				
<b>1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>EMERGENCY CONTACTS</b>	01425 655555				

<b>SECTION 2: HAZARDS IDENTIFICATION</b>	
<b>2.1</b> <b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
<b>CLASSIFICATION (67/548/EEC)</b>	NO ADDITIONAL DATA AVAILABLE.
<b>CLASSIFICATION (EU1272/2008)</b>	H226 FLAMMABLE LIQUID AND VAPOUR, HAZARD CATEGORY 3 H315 SKIN IRRITATION, CATEGORY 2 H317 SKIN SENSITISATION, CATEGORY 1 H304 ASPIRATION HAZARD, CATEGORY 1 H410 ENVIRONMENTAL HAZARD, CHRONIC, CATEGORY 1
<b>2.2</b> <b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
<b>GHS LABEL</b>	    GHS07      GHS08      GHS09      GHS02
<b>SIGNAL WORD</b>	DANGER.
<b>CONTAINS</b>	ALPHA PINENE, BETA PINENE, LIMONENE, BETA-CARYOPHYLLENE
<b>HAZARDS STATEMENT</b>	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
<b>PRECAUTIONARY STATEMENTS</b>	P210, KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING. P233, KEEP CONTAINER TIGHTLY CLOSED. P240, GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. P241, USE EXPLOSION-PROOF ELECTRICAL, VENTILATING AND 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/EYE PROTECTION/FACE PROTECTION. P301/310, IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. P303/361/353, IF ON SKIN (OR HAIR): REMOVE/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 CARBON DIOXIDE, DRY CHEMICAL, FOAM FOR EXTINCTION. P391, COLLECT SPILLAGE. P403/235, STORE IN A WELL-VENTILATED PLACE. KEEP COOL. P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	NONE
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b> <b>OTHER HAZARDS</b>	
<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	NONE.
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	NONE.
<b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>	NONE



### SECTION 3: COMPOSITION OF INGREDIENTS

<p><b>3.1 MIXTURES</b></p>	<p><b>25.0 - 50.0% ALPHA-PINENE</b> CAS-No.: 80-56-8 EC No.: 201-291-9 CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1-EH, A1-EH C1; H226-H304-H315-H317-H410</p> <p><b>25.0 - 50.0% BETA-PINENE</b> CAS-No.: 127-91-3 EC No.: 204-872-5 CLASSIFICATION (EC 1272/2008) FL 3-SCI 2-SS 1B-AH 1-EHA1-EH C1; H226-H304-H315-H317-H410</p> <p><b>&lt; 5.0% LIMONENE</b> 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</p> <p><b>&lt;5.0% BETA-CARYOPHYLLENE</b> CAS-No.: 87-44-5 EC No.: 201-746-1 CLASSIFICATION (EC 1272/2008) AH 1;H304</p> <p><b>&lt;5.0% CAMPHENE</b> CAS-No.: 79-92-5 EC No.: 201-243-8 CLASSIFICATION (EC 1272/2008) FS 2-EDI 2-EH A1-EH C1; H228-H319-H410</p> <p><b>&lt; 1.0% TERPINOLENE</b> 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</p> <p><b>&lt; 1.0% MYRCENE</b> 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</p> <p><b>&lt; 1.0% PARA-CYMENE</b> CAS-No.: 99-87-6 EC No.: 202-796-7 CLASSIFICATION (EC 1272/2008) FL 3-AH 1-EH C2; H226-H304-H411</p> <p><b>&lt; 1.0% ALPHA PHELLANDRENE</b> CAS: 99-83-2, EINECS: 202-792-5 CLASSIFICATION (EC 1272/2008) FL 3-AH 1;H226-H304</p>
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### SECTION 4: FIRST AID MEASURES

<b>4.1 DESCRIPTION OF FIRST AID MEASURES</b>	
<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
<b>INHALATION</b>	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
<b>INGESTION</b>	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
<b>SKIN CONTACT</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
<b>EYE CONTACT</b>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	NO DATA.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NO DATA.

### SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	NONE.
5.3 ADVICE 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	NONE.
8.2 EXPOSURE CONTROLS	
 	
<b>EYE PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>HAND PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>RESPIRATORY EQUIPMENT</b>	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.
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>ENGINEERING MEASURES</b>	PROVIDE ADEQUATE VENTILLATION.
<b>SKIN PROTECTION</b>	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
<b>OTHER PROTECTION</b>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
<b>ENVIROMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

### 9.1 PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE	LIQUID
COLOUR	PALE YELLOW - YELLOW
ODOUR	RICH BALSAMIC WOODY PINEY
RELATIVE DENSITY	0.858 - 0.874 @ 20°C
FLASH POINT (°C)	41°C.
REFRACTIVE INDEX @ 20 °C	1.468 - 1.482 @ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER

### 9.2 OTHER INFORMATION

NO DATA.

## SECTION 10: STABILITY & REACTIVITY

### 10.1 REACTIVITY

STABLE UNDER USUAL STORAGE CONDITIONS.

### 10.2 CHEMICAL STABILITY

STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

NO.

### 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

THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 TOXICOLOGICAL EFFECTS

<b>ACUTE TOXICITY</b>	ACUTE ORAL TOXICITY: ORAL-RAT LD50 3270 MG/KG FCT 2, 327 (1964). ACUTE DERMAL TOXICITY: SKIN-RABBIT LD50 > 5000 MG/KG FCT. 12, 917 (1974).
<b>SKIN IRRITATION</b>	CAUSES SKIN IRRITATION.
<b>EYE DAMAGE OR IRRITATION</b>	CAUSES SERIOUS EYE IRRITATION.

<b>RESPIRATORY OR SKIN SENSITIVITY</b>	NOT APPLICABLE.
<b>GERM CELL MUTAGENICITY</b>	NOT APPLICABLE.
<b>CARCINOGENICITY</b>	NOT APPLICABLE.
<b>REPRODUCTIVE TOXICITY</b>	NOT APPLICABLE.
<b>STOT – SINGLE EXPOSURE</b>	NOT APPLICABLE.
<b>STOT – REPEATED EXPOSURE</b>	NOT APPLICABLE.
<b>ASPIRATION HAZARD</b>	NOT APPLICABLE.
<b>OTHER INFORMATION</b>	NOT APPLICABLE.


## SECTION 12: ECOLOGICAL INFORMATION


<b>12.1 TOXICITY</b>	VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT. WHEN SPILLED CAN CONTAMINATE SOIL, GROUND AND SURFACE WATER.
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	DEGRADABILITY : NO DATA AVAILABLE.
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	NONE.
<b>12.4 MOBILITY IN SOIL</b>	NONE.
<b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	NO DATA.
<b>12.6 OTHER ADVERSE EFFECTS</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: DISPOSAL INFORMATION

<b>13.1 WASTE TREATMENT METHODS</b>	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.
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## SECTION 14: TRANSPORT INFORMATION

<b>14.1 TRANSPORT INFORMATION</b>	
<b>UN NUMBER</b>	<b>ROAD: 1169</b> <b>AIR: 1169</b> <b>SEA: 1169</b>
<b>14.2 UN SHIPPING NAME</b>	EXTRACTS, AROMATIC, LIQUID
<b>14.3 TRANSPORT HAZARD CLASS(ES)</b>	ADR/RID/ADN – CLASS 3 ADR/RID/ADN – CLASS 3 IMDG – CLASS 3 ICAO – CLASS 3  TRANSPORT LABELS  

	TUNNEL RESTRICTION CODE (D/E) HAZCHEM CODE •3YE EMS F-E, S-D
<b>14.4 PACKING GROUP</b>	ADR/RID/ADN PACKING GROUP – III IMDG PACKING GROUP – III ICAO PACKING GROUP – III
<b>14.5 ENVIROMENTAL HAZARDS</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT 
<b>14.6 SPECIAL PRECAUTIONS FOR USER</b>	SEE SECTIONS 6-8.
<b>14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b>	NOT APPLICABLE.
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1 PRODUCT SPECIFIC SAFETY, HEALTH &amp; ENVIRONMENTAL REGULATIONS &amp; LEGISLATION</b>	
<b>EU DIRECTIVES</b>	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> 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).
<b>STATUTORY INSTRUMENTS</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
<b>APPROVED CODE OF PRACTICE</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>GUIDANCE NOTES</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2 CHEMICAL SAFETY ASSESSMENT</b>	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.



## SECTION 16: OTHER INFORMATION

HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 FLAMMABLE LIQUID AND VAPOUR H228 FLAMMABLE SOLID. H315 CAUSES SKIN IRRITATION H319 CAUSES SERIOUS EYE 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.
<b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b>	
<b>ABBREVIATIONS &amp; ACRONYMS:</b>	
<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
<b>ICAO</b>	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
<b>ADN</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
<b>GHS</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
<b>TREM CARD</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

## DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 <sup>TH</sup> APRIL 2018	DATA LAUNCH

*The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with MADAR regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from MADAR.*



## SPECIFICATION SHEET

**PRODUCT NAME: JUNIPERBERRY, ESSENTIAL OIL**

PRODUCT INCI: JUNIPERUS COMMUNIS FRUIT

PRODUCT CODE: OEJUNIHIMA

CAS NUMBER: 8002-68-4 / 73049-62-4 / 84603-69-0

EINECS NUMBER: 283-268-3

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	RANGE
APPEARANCE	LIQUID
COLOUR	COLOURLESS - PALE YELLOW
ODOUR	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.858 – 0.874
REFRACTIVE INDEX @ 20°C	1.468 – 1.482
OPTICAL ROTATION (°C)	-25.0 TO 0.0

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

### DOCUMENTATION REVIEW DATE:

24<sup>TH</sup> MAY 2018

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## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: **Juniperberry Himalayan Essential Oil**

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.