



Certificate of Analysis

PRODUCT NAME : JUNIPER LEAF OIL
GEOGRAPHICAL ORIGIN : INDIA
MODE OF EXTRACTION : STEAM DISTILLED
DISTILLED OR
EXPRESSED ORGAN : LEAVES
BATCH NO. : 4354602
BEST BEFORE END : MARCH 2022

ANALYSE PHYSICAL PARAMETERS

PRODUCT/STANDARD : JUNIPER LEAF OIL
DESCRIPTION : ALMOST COLOURLESS TO SLIGHTLY YELLOW
ODOUR : FRESH, WARM AND BALSAMIC AROMA.
OPTICAL ROTATION : -14.88
REF.INDEX : 1.4704
SP.GRAVITY : 0.8650
SOLUBILITY : SOLUBLE IN OIL INSOLUBLE IN WATER
STABILITY : STABLE UNDER NORMAL CODITIONS
REACTIVITY : AVOID OXIDZING MATERIALS
STORAGE : SHOULD BE STORED BELOW 20°C IN COOL,
INSTRUCTIONS : DRY, WELL VENTILATED PLACE IN FULLY &
TIGHTLY SEALED CONTAINERS. PROTECTED
FROM LIGHT & KEEP AWAY FROM ANY SOURCE
OF IGNITION/FIRE.

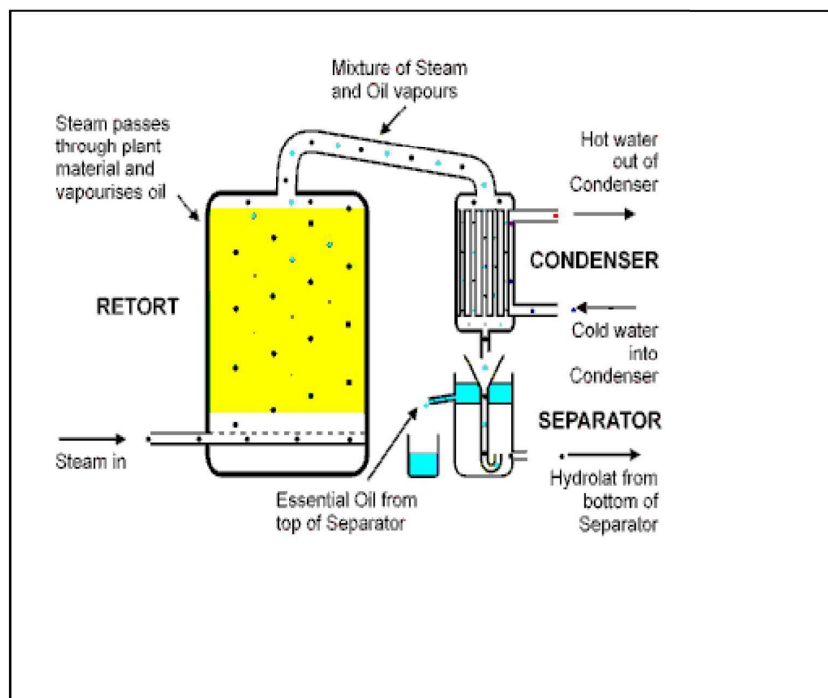
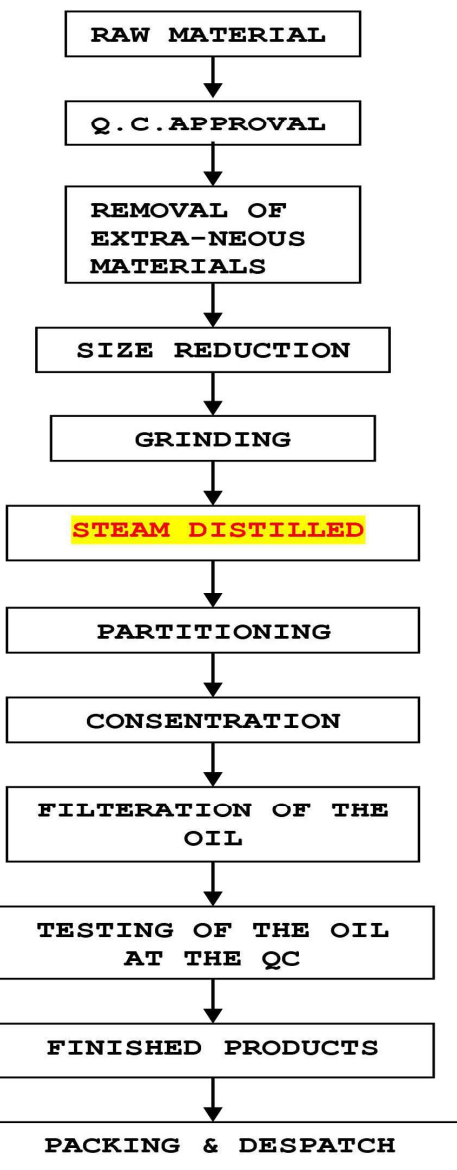


COSMETICS ALLERGENS

FRAGRANCE NAME : JUNIPER LEAF OIL
DATED : 23.01.2017

ALLERGENS	CAS NO.	PERCENTAGE IN THE PRODUCT
ANISYL ALCOHOL	105-13-5	NO
BENZYL ALCOHOL	100-51-6	NO
CINNAMYL ALCOHOL	104-54-1	NO
BENZYL BENZOATE	120-51-4	NO
BENZYL CINNAMATE	103-41-3	NO
BENZYL SALICYLATE	118-58-1	NO
CINNAMAL	104-55-2	NO
CITRAL	5392-40-5	NO
CITRONELLOL	106-22-9	NO
COUMARIN	91-64-5	NO
D-LIMONENE	5989-27-5	5.83% APPROX
EUGENOL	97-53-0	NO
FARNESOL	4602-84-0	NO
GERANIOL	106-24-1	NO
ISOEUGENOL	97-54-1	NO
LINALOOL	78-70-6	NO
TREE MOSS	90028-67-4	NO
OAK MOSS	90028-68-5	NO
PHENYL ACETALDEHYDE	122-78-1	NO
AMYL CINNAMIC ALCOHOL	101-85-9	NO
AMYL CINNAMAL	122-40-7	NO
GAMMA METHYL IONONE	127-51-5	NO
HEXYL CINNAMALDEHYDE	101-86-0	NO
HYDROXYCITRONELLAL	107-75-5	NO
LILIAL	80-54-6	NO
LYRAL	31906-04-4	NO
METHYL HEPTINE CARBONATE	111-12-6	NO

PROCESS FLOW CHART
JUNIPER LEAF





NON-GMO CERTIFICATE

PRODUCT NAME: **Juniper Leaf 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). It is our understanding the EU labeling requirements are based on the presence of detectable level of transgenic material based on this, the products will not on it shown, require the labeling of these food stuffs and food ingredients as indicated in IEC.NO.: 0690001118 & FDA.REG.NO. : 14936438988 on the authorization, labeling and trace availability of Genetically Modified Organism in Food and Feed.



IFRA CERTIFICATE

IFRA CERTIFICATE 48TH - ALL LIMITS

PRODUCT: JUNIPER LEAF OIL

MADAR Corporation Limited certifies that the above mentioned fragrance product is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION [IFRA 48th Amendment (June '15)], provided the fragrance is used in the following application(s) at the following maximum concentration level(s):

APPLICATION	MAXIMUM USAGE LEVEL
1.A - Lip Products of all Types (Solid & Liquid) lipsticks, Balms & Wax (Clear or Colored)	NOT Allowed
1.A - Toys	NOT Allowed
2 - Body Sprays & Mists, Men & Women (intended or labeled for use in axillae)	2.5%
2 - Deodorant and Antiperspirant Products of all types (spray, stick, roll-on, under-arm & body, etc.)	2.5%
2 - Fragranced Bracelets	2.5%
2 - Nose Pore Strips	2.5%
3.A - Hydroalcoholic Products Applied to Recently Shaved Skin (EDT)	10.6%
3.B - Hydroalcoholic Products Applied to Recently Shaved Skin (Fine Fragrance)	10.6%
3.C - Baby Creams, Lotions, Oils	10.6%
3.C - Body Paint for Children	10.6%
3.C - Eye Products of all Types (eye shadow, mascara, eyeliner, eye make-up, make-up, etc.) including eye care	10.6%
3.C - Men's Facial Creams, Balms	10.6%
3.D - Tampons	10.6%

4.A - Hydroalcoholic Products Applied To Unshaved Skin (EDT)	31.9%
4.A - Ingredients of Perfume Kits	31.9%
4.A - Scent Pads, Foil Packs	31.9%
4.A - Scent Strips for Hydroalcoholic Products	31.9%
4.B - Hydroalcoholic Products Applied To Unshaved Skin (Fine Fragrance)	31.9%
4.C - Body Creams, Oils, Lotions of all types (except baby products)	31.9%
4.C - Body Paint for Adults (excludes Childrens Products)	31.9%
4.C - Body Sprays (Not intended for Axillae)	31.9%
4.C - Foot Care Products	31.9%
4.C - Fragrance Compounds for Cosmetic Kits	31.9%
4.C - Hair Deodorant	31.9%
4.C - Hair Styling Aids, Hair Sprays of all Types (pumps, aerosol sprays, etc.)	31.9%
4.D - Fragrancing cream & Solid Perfumes	31.9%
5 - Baby Powder and Talc	16.6%
5 - Dry or Waterless Shampoo	16.6%
5 - Facial Masks	16.6%
5 - Hair Permanent & Chemical Treatments (e.g. relaxers) but not hair dyes	16.6%
5 - Hand Cream	16.6%
5 - Hand sanitizers	16.6%
5 - Wipes or Refreshing Tissues for Face, Neck, Hands, Body	16.6%
5 - Women's Facial Creams/Facial Make-up	16.6%
6 - Mouthwash, Including Breath Sprays	NOT ALLOWED
6 - Toothpaste	NOT ALLOWED
7.A - Baby Wipes	5.1%
7.A - Intimate (Feminine)Wipes	5.1%
7.A - Toilet Wipes & Paper	5.1%
7.B - Insect Repellent (intended to be applied to the skin)	5.1%
8.A - Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners)	2.3%
8.A - Make-up Removers of all types (not including face cleansers)	2.3%
8.A - Nail Care	2.3%
8.A - All Powders & Talcs (Except baby Powders & Talcs)	2.3%
8.B - Hair Dyes	2.3%
9.A - Bath Gels, Foams, Mousses, Salts, Oils & other products added to bathwater	5.9%
9.A - Body Washes of all types (including baby washes) & Shower Gels of all Type	5.9%
9.A - Conditioner (Rinse-Off)	5.9%

9.A - Depilatory	5.9%
9.A - Face Cleansers of all types (washes, gels, scrubs, etc.)	5.9%
9.A - Shampoos of all types (including baby shampoos)	5.9%
9.A - Shaving Creams of all types (stick, gels, foams, etc.)	5.9%
9.A - Soap Liquid & Bar (Toilet Soap)	5.9%
9.B - Feminine Hygiene - Pads & Liners	5.9%
9.B - Wheat Bags	5.9%
9.C - Air fresheners sprays (incl. Room Sprays, Aerosols & Pump; excl. deodorant, hair styling aids, & animal)	5.9%
9.C - Facial Tissues, Napkins, Paper Towels & Toilet Paper	5.9%
10.A - Dry Cleaning Kits	2.9%
10.A - Fabric Softeners of all types including fabric softener sheets	2.9%
10.A - Hand Dishwashing Detergent including concentrates	2.9%
10.A - Handwash Laundry Detergents of all types including concentrates	2.9%
10.A - Hard Surface Cleaners (Bathroom & Kitchen Cleansers & Furniture polish, etc.)	2.9%
10.A - Machine Wash Laundry Detergent & Bleach (liquids, powders, tablets, etc.) including laundry bleach and concentrates	2.9%
10.A - Other Household Cleaning Products (fabric, soft surface & Carpet Cleaners)	2.9%
10.A - Shampoos for pets	2.9%
10.B - Diapers	2.9%
10.B - Scented Gloves or Socks	2.9%
10.B - Toilet seat wipes	2.9%
11 - Air Delivery Systems (Automated or with Manual Activator) with no contact with dispensing port.	No Restriction
11 - Air Fresheners (Solids, Liquid or Closed systems). Excluding aerosol products	No Restriction
11 - All non-skin or incidental skin contact	No Restriction
11 - Animal sprays & Cat Litter	No Restriction
11 - Candles	No Restriction
11 - Concentrated Aerosol Air Fresheners for metered systems	No Restriction
11 - Deodorizers/Maskers not intended for skin contact (Fabric drying machine deodorizers, carpet powders)	No Restriction
11 - Floor Wax	No Restriction
11 - Fuels & Paints	No Restriction
11 - Insecticides (mosquito coil, paper, electrical, for clothing) excluding aerosols	No Restriction
11 - Joss Sticks, Incense, Crystals/Stones, Blotters, Sachets & Fragrance Lamp Ring	No Restriction

11 - Liquid Air Freshener Refills (Cartridge & Non-Cartridge Systems)	No Restriction
11 - Machine Dishwash detergent and deodorizers	No Restriction
11 - Machine only Laundry Detergent (e.g. liquitabs)	No Restriction
11 - Odored Distilled Water (that can be added to steam irons)	No Restriction
11 - Plastic Articles (excluding toys)	No Restriction
11 - Reed Diffusers & Liquid Refills (Cartridge & Non-Cartridge Systems)	No Restriction
11 - Scent delivery systems using dry air technology that releases a fragrance without sprays, aerosols or heated oils	No Restriction
11 - Scent Pack	No Restriction
11 - Scratch and Sniff	No Restriction
11 - Shoe Polishes	No Restriction
11 - Toilet Blocks	No Restriction
11 - Treated Textiles (starch sprays, fabric treated with fragrance after wash, deodorizers for textiles, tights with moisturizers)	No Restriction

The above mentioned fragrance is in compliance with the standards of the International Fragrance Association, provided the fragrance is used in the above application(s) at the noted maximum concentration level(s). This fragrance contains ingredients which are NOT considered GRAS, Generally Regarded as Safe as a Flavor Ingredient. It is the ultimate responsibility of the customer to ensure the safety of the final product containing this fragrance, by further testing, if necessary. For all other applications, or use at higher concentration levels, a new evaluation will be required.



Date of issue

6/12/16

TRADE NAME

JUNIPER LEAF OIL

Name of Product

JUNIPER LEAF OIL

CHEMICAL IDENTIFICATION

JUNIPERUS COMMUNIS

HAZARD IDENTIFICATION

NON-HAZARDOUS

FIRST AID MEASURES

INHALATION EXPOSURE—Remove from exposure site to Fresh Air. Keep at rest, obtain medicinal attention.

EYE CONTACT—Rinse immediately with plenty of water for at least 15 Mins.

SKIN CONTACT—Remove contaminated clothes wash thoroughly with Soap & Water.

FIRE FIGHTING MEASURES

Non-Inflammable, Fire FIGHTER SHOULD WEAR POSITIVE SELF CONTAINED BREATHING APPARATUS.

ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS—Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment in case of major spillages.

ENVIRONMENT PRECAUTIONS—Keep away from drains, soils, surface & ground waters.

HANDLING PROCEDURE

H. D. P. E. CONTAINER OR ALIUM BOTTLES.

RECOMMENDED STORAGE CONDITIONS—Store in tightly closed original container in a cool, dry & ventilated area away from heat sources & protected from light.

EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION—Avoid breathing product vapour.

VENTILATION—Ensure good ventilation of working area.



PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCES	YELLOWISH
ODOUR	SLIGHTLY BITTER ODOUR
FLASH POINT	102.5° C
BOILING POINT	79° C
OPT. ROTATION	-1.7
REF. INDEX	1.4660
SP. GRAVITY	0.8610
SOLUBILITY	INSOLUBLE IN WATER

STABILITY AND REACTIVITY

REACTIVITY—It present no significant reactivity hazards.

TOXICOLOGICAL INFORMATION

NON-TOXIC

ECOLOGICAL INFORMATION

Biodegradability— Data not available

Precautions—Prevent surface contamination of soil, ground & surface water

DISPOSAL CONSIDERATION

Avoid disposing to drainage systems and into the environment. Seek expert advice.

TRANSPORT-INFORMATION

1. BY ROAD.
2. BY AIR.



SPECIFICATIONS OF JUNIPER LEAF OIL

DATED:- 23.01.2017

PRODUCT NAME : JUNIPER LEAF OIL

GEOGRAPHICAL ORIGIN

MODE OF EXTRACTION : INDIA

DISTILLED OR EXPRESSED ORGAN : STEAM DISTILLED

: LEAVES

SPECIFICATIONS OF PHYSICAL PARAMETERS

PRODUCT/STANDARD DESCRIPTION : JUNIPER LEAF OIL

: ALMOST COLOURLESS TO SLIGHTLY YELLOW

ODOUR

: FRESH, WARM AND BALSAMIC AROMA.

OPTICAL ROTATION

: -35 TO +10

REF.INDEX

: 1.4560 TO 1.4955

SP.GRAVITY

: 0.8370 TO 0.8780

SOLUBILITY

: SOLUBLE IN OIL INSOLUBLE IN WATER

STABILITY

: STABLE UNDER NORMAL CONDITIONS

REACTIVITY

: AVOID OXIDIZING MATERIALS

STORAGE INSTRUCTIONS

: SHOULD BE STORED BELOW 200C IN COOL, DRY, WELL VENTILATED PLACE IN FULLY & TIGHTLY SEALED CONTAINERS. PROTECTED FROM LIGHT & KEEP AWAY FROM ANY SOURCE OF IGNITION/FIRE.



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Juniper Leaf 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.