

CERTIFICATE OF ANALYSIS

CADE OIL RECTIFIED

Batch No.: 4313701 Best Before End: February 2021

Analysis Description	Minimum Value	Maximum Value	Result	Compliance
Appearance			Mobile liquid	Pass
Colour			Brown	Pass
Odour			Characteristic, smoke	Pass
Specific Gravity at 20°C	0.960	1.040	1.011	Pass
Refractive Index at 20°C	1.510	1.535	1.515	Pass

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.



DECLARATION OF ALLERGENS

PRODUCT

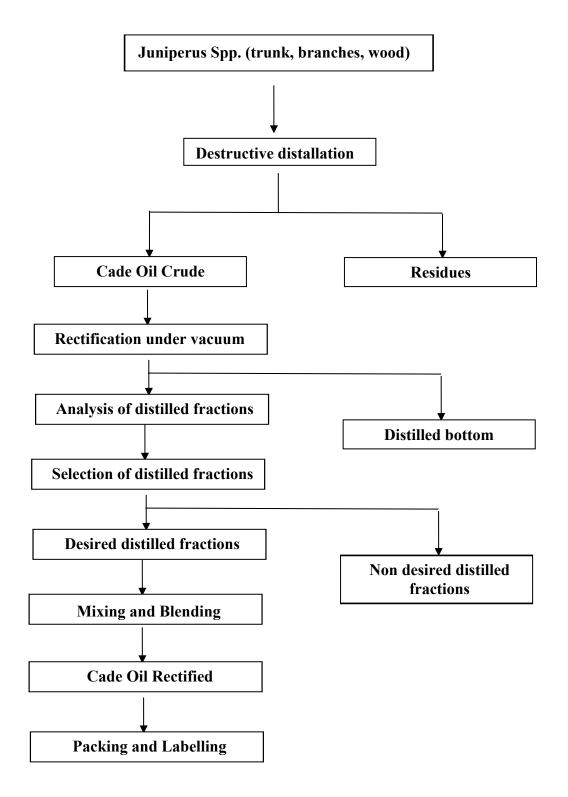
Cade Oil

MATERIAL	CAS	TOTAL ALLERGEN
	NUMBER	INCLUSION LEVEL (%)
AMYL CINNAMAL	122-40-7	-
BENZYL ALCOHOL	100-51-6	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	-
EUGENOL	97-53-0	0.300
HYDROXYCITRONELLAL	107-75-5	-
ISO EUGENOL	97-54-1	0.200
AMYL CINNAMYL ALCOHOL	101-85-9	-
BENZYL SALICYLATE	118-58-1	-
CINNAMAL	104-55-2	-
COUMARIN	91-64-5	-
GERANIOL	106-24-1	-
HYDROXYISOHEXYL 3-CYCLOHEXENE	31906-04-4	
CARBOXALDEHYDE		-
ANISE ALCOHOL	105-13-5	-
BENZYL CINNAMATE	103-41-3	-
FARNESOL	4602-84-0	-
BUTYLPHENYL METHYLPROPIONAL	80-54-6	-
LINALOOL	78-70-6	0.500
BENZYL BENZOATE	120-51-4	-
CITRONELLOL	106-22-9	-
HEXYL CINNAMAL	101-86-0	-
LIMONENE	5989-27-5	0.500
METHYL 2-OCTYNOATE	111-12-6	-
ALPHA-ISOMETHYL IONONE	127-51-5	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-

05/03/2015



Manufacturing Flow Chart Cade Rectified





IFRA CONFORMITY CERTIFICATE

Product:

Cade Oil

We certify that the above material complies with the Standards of the International Fragrance Association (IFRA), amendment 47, published in June 2013, provided it is used in the following classes at a maximum concentration level of:

Combined IFRA Category	Maximum level of use (% w/w)
Class 1.A	5.00 (See Note 1)
Class 1.B	5.00
Class 2	5.00
Class 3.A	10.00
Class 3.B	10.00
Class 3.C	10.00
Class 3.D	10.00
Class 4.A	10.00
Class 4.B	10.00
Class 4.C	10.00
Class 4.D	10.00
Class 5	10.00
Class 6	See Note 1
Class 7.A	10.00
Class 7.B	10.00
Class 8.A	10.00
Class 8.B	10.00
Class 9.A	10.00
Class 9.B	10.00
Class 9.C	10.00
Class 10.A	10.00
Class 10.B	10.00
Class 11.A	100 (See Note 2)
Class 11.B	100 (See Note 2)



For other kinds of applications a new evaluation may be needed.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

Note 1: It is recommended that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution.

Note 2: Category 11 includes all non-skin contact products. Due to the negligible skin contact from these types of products there is no justification for a restriction of this product in the finished product.

Date: 10/03/2015



ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Toys	Class 1A
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, lip wax etc),	Class IA
Waxes for mechanical hair removal	Class 1B
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc)	Class 2
Fragranced bracelets	Class Z
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)	
Men's Facial Creams, Balms.	
Baby creams, Lotions, Oils	Class 3.C
Body paint for children	
Tampons	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range)	
Ingredients of Perfume Kits, Scent Strips for Hydroalcoholic Products.	Class 4.A
Hydroalcoholic Products applied to unshaved skin, Fine Fragrance range	Class 4.B
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc). Hair Deodorant	
Body Creams, Oils, Lotions of all types (except baby creams, lotions, oils)	Class 4.C
Fragrance Compounds for Cosmetic Kits, Foot Care Products	
Fragrancing Creams of all types	Class 4.D
Women's Facial Creams/Facial Make-up/Facial Wipes. Facial Masks, Hand Cream, Baby Powder	
Hair permanent & other hair chemical treatments (e.g. relaxers) but not hair dyes	Class F
Wipes or refreshing tissues for Face, Neck, Hands, Body	Class 5
Dry shampoo or waterless shampoo	
Mouthwash, including breath sprays	Class 6
Toothpaste	Class o
Intimate Wipes, Baby Wipes	Class 7A
Insect repellent (intended to be applied to skin)	Class 7B
Make-up Removers of all types (not including face cleansers)	
Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc)	Class 8A
Nail Care, all Powders & Talcs (NOT including baby powders and talcs)	
Hair dyes	Class 8B
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)	
Depilatory	Class 9.A
Body Washes of all types (including baby washes) and Shower Gels of all types	
Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	
Bar soap (Toilet soap)	
Feminine pads/Liners	
Toilet paper	Class 9.B
Wheat bags	
Facial tissues, Napkins, Paper towels	
Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling	Class 9.C



 Hand wash/Machine Wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches and concentrates Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc), Dry Cleaning Kits Fabric Softeners of all types including softener sheets. Hand Dishwashing Detergent including 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): concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints. Fragranced lamp ring. Scent pack. Floor wax Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization). Air delivery systems.	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs) Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder) Pot pourri, fragrancing sachets, liquid refills for air fresheners, etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles ; Odored Distilled Scratch and Sniff (sampling technology) Infused socks	Class 11.B



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

1.1. Product identifier

Product name	CADE OIL RECTIFIED
Chemical name	DEFINITION/BOTANICAL ORIGIN: Juniperus oxycedrus Wood Oil Rectified is the rectified essential oil obtained from the wood and twigs of the Red Juniper, Juniperus oxycedrus L., Cupressaceae. Syn. Cade oil
Product No.	30679
Synonyms, Trade Names	INCI Name: Juniperus oxycedrus Wood Oil Rectified
CAS-No.	90046-02-9
EC No.	289-969-0

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier

MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA

Approved Sellers

Mystic Moments, New Directions, World of Moulds

1.4. Emergency telephone number

+44 (0) 1425 655555 Office Hours are 9-4 weekdays only

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

	Physical and Chemical Hazards	Not classified.
	Human health	Asp. Tox. 1 - H304
	Environment	Aquatic Chronic 2 - H411
Classification (1999/45/EEC)	Xn;R65. N;R51/53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

EC No.	289-969-0
Contains	ALPHA CEDRENE
Label In Accordance With (EC) No. 1272/2008	



Signal Word Danger Hazard Statements H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements Avoid release to the environment.		Avoid release to the environment
	P273	Dispose of contents/container in accordance with local and national
	P501	regulations.
Supplementary Precautionary State	ments	
	P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P331	Do NOT induce vomiting.
	P391	Collect spillage.
	P405	Store locked up.
Supplemental label information		
	EUH208	Contains EUGENOL, ISOEUGENOL . May produce an allergic reaction.
2.3 Other hazards		

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ALPHA CEDRENE			10-30%
CAS-No.: 469-61-4	EC No.: 207-418-4		
Classification (EC 1272/2008) Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		Classification (67/548/EEC) Xn;R65. N;R50/53.	
EUGENOL			< 1%
CAS-No.: 97-53-0	EC No.: 202-589-1		
Classification (EC 1272/2008) Eye Irrit. 2 - H319 Skin Sens. 1 - H317		Classification (67/548/EEC) Xi;R36. R43.	
ISOEUGENOL			< 1%
CAS-No.: 97-54-1	EC No.: 202-590-7		
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317		Classification (67/548/EEC) Xn;R21/22. Xi;R36/38. R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

CAS-No.	90046-02-9
EC No.	289-969-0

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped. Inhalation

Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Ingestion

If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Skin contact

If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Foam, carbon dioxide or dry powder. **5.2. Special hazards arising from the substance or mixture**

Unusual Fire & Explosion Hazards No unusual fire or explosion hazards noted. Specific hazards When heated and in case of fire, toxic vapours/gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures Containers close to fire should be removed or cooled with water. Protective equipment for fire-fighters Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Storage Class

Unspecified storage.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Engineering measures Provide adequate ventilation.

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Respiratory equipment
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air
contamination exists.
Hand protection
Protective gloves should be used if there is a risk of direct contact or splash.
Eye protection
If risk of splashing, wear safety goggles or face shield.
Other Protection
Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures
No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with
chemicals.
Skin protection

Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Mobile Liquid
Colour	Brown.
Odour	Characteristic.
Relative density	0.960 - 1.040 @ 20°C
Flash point	>90
9.2. Other information	

Refractive Index

1.510 - 1.535 @ 20°C

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions. **10.3. Possibility of hazardous reactions** Hazardous Polymerisation Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. 10.5. Incompatible materials

Materials To Avoid Strong oxidising substances. Strong acids. Strong alkalis. 10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO2, NOx) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information See section-2

General information No specific health warnings noted.

Inhalation

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

Ingestion

No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

Skin contact No specific health warnings noted.

Eye contact Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings No specific health warnings noted.

Medical Symptoms No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals. Medical Considerations

Persons with rash are directed to skin expert for examination of allergic eczema.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Refer to section-2

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is suitable for incineration.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTAL	LY HAZARDOUS SUBSTANCE, LIQUID	N.O.S.
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14.3. Transport hazard class(es)

ADR/RID/ADN Class	9
ADR/RID/ADN Class	Class 9: Miscellaneous dangerous substances and articles.
ADR Label No.	9
IMDG Class	9
ICAO Class/Division	9
Transport Labels	



14.4. Packing group

ADR/RID/ADN 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	F-A, S-F
Emergency Action Code	•3Z
Hazard No. (ADR)	90
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425653574 Email: michelle@madarcorporation.co.uk

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SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. **15.2. Chemical Safety Assessment**

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SECTION 16: OTHER INFORMATION

General information Shelf life: 36 months when stored within advised conditions. Issued Bv Regulatory Manager **Revision Date** 13/02/2013 Revision 3 **Risk Phrases In Full** Harmful in contact with skin and if swallowed. R21/22 R65 Harmful: may cause lung damage if swallowed. R36/38 Irritating to eyes and skin. R36 Irritating to eyes. R43 May cause sensitisation by skin contact. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Hazard Statements In Full H319 Causes serious eye irritation. H315 Causes skin irritation. H302 Harmful if swallowed. H312 Harmful in contact with skin. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



MATERIAL SPECIFICATION

CADE OIL

Analysis Description	Minimum Value	Maximum Value	Description
Appearance			Mobile liquid
Colour			Brown
Odour			Characteristic, smoke
Specific Gravity at 20°C	0.960	1.040	
Refractive Index at 20°C	1.510	1.535	

Issue Date: 05/03/15 Revision: 1

Revision Date: 24/02/15

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air. Shelf life must be considered as subjective; the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions, see SDS, in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the the products in any way.



DATA SHEET

CADE OIL RECTIFIED

INCI name:	Juniperus oxycedrus Wood Oil
Synonyms:	Juniper tar, prickly cedar, medlar tree, prickly juniper
Country of Origin:	Spain
CAS Number:	90046-02-9
EC Number:	289-969-0
Status:	100% Pure & Natural



General Description

Cade is an evergreen tree belonging to the Cupressaceae family. Growing up to 4 metres high, it has brown/ black berries and long, dark needles. The seed cones are berry-like, green ripening in 18 months to orange-red with a variable pink waxy coating; they are spherical, 7–12 mm in diameter, and have three or six fused scales in 1-2 whorls, three of the scales with a single seed. The pollen cones are yellow, 2–3 mm long, and fall soon after shedding their pollen in late winter or early spring.

Extraction

Juniperus oxycedrus Wood Oil is the rectified oil obtained from the wood of the Juniperus oxycedrus.

Common Uses/Applications

- Aromatherapy applications.
- Fragrance component in perfumes, soaps and cosmetic products.

Aromatherapy Actions/Uses

- Considered to have the following properties: analgesic, antimicrobial, antipruritic, antiseptic, disinfectant, parasiticide and vermifuge.
- Regarded to be helpful for: cuts, dandruff, dermatitis, eczema and spots.

Animal Non-Testing Declaration

MADAR Corproation has never been involved in animal testing or retesting for any of its products, nor has it sanctioned any third party to conduct such testing.

Transmissible/ Bovine Spongiform Encephalopathy (T.S.E/B.S.E)

This product does not contain, and is not derived from, specified risk material as defined in Commission Decision 97/534/EC or mechanically recovered meat obtained from the vertebral column of bovine, ovine or caprine animals During production, storage and transport there is no contact with any extracts of animal (cattle, sheep, goat etc) origin and a cross contamination is excluded.

Product is therefore free from Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

Statement on Genetically Modified Organisms

We confirm to the best of our knowledge that this product does not contain nor has been produced with the aid of any genetically modified organism. In consequence, this product will not contain any detectable residues of protein or DNA resultant from genetic modification.

The data provided in this document is meant to represent anecdotal, typical data and information for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

Revision Date: 24/03/2016 Revision: 0



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Cade Rectified 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.