



## CERTIFICATE OF ANALYSIS

<b>MATERIAL</b>	<b>RUE OIL</b>
<b>CAS NUMBER</b>	<b>84929-47-5</b>
<b>EINECS NUMBER</b>	<b>284-531-5</b>
<b>BATCH</b>	<b>4324204</b>
<b>BEST BEFORE END</b>	<b>MAY 2021</b>

<b>Appearance</b>	<b>Yellowish transparent liquid</b>
<b>Odour</b>	<b>Characteristic</b>
<b>S.G.@ 20°C</b>	<b>0.829</b>
<b>Flashpoint</b>	<b>92°C</b>
<b>Solubility</b>	<b>Soluble in ethanol</b>

### Storage

To be stored in a cool and dry location. Protect from light.

### Measures in case of Fire

Use CO2 foam or dry powder extinguisher.

### Caution

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.



**ALLERGEN LISTING  
RUE OIL SPAIN**

INGREDIENT	CAS No.	% TOTAL
Alpha-Isomethylionone	127-51-5	<0.01
Amyl Cinnamal	122-40-7	<0.01
Amylcinnamyl Alcohol	101-85-9	<0.01
Anise Alcohol	105-13-5	<0.01
Benzyl Alcohol	100-51-6	<0.01
Benzyl Benzoate	120-51-4	<0.01
Benzyl Cinnamate	103-41-3	<0.01
Benzyl Salicylate	118-58-1	<0.01
Butylphenyl Methylpropional (Lilial)	80-54-6	<0.01
Cinnamal	104-55-2	<0.01
Cinnamyl Alcohol	104-54-1	<0.01
Citral	106-26-3	<0.01
	141-27-5	
	5392-40-5	
Citronellol	106-22-9	<0.01
	1117-61-9	
	141-25-3	
	6812-78-8	
	68916-43-8	
	7540-51-4	
Coumarin	91-64-5	<0.01
Eugenol	97-53-0	<0.01
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	<0.01
Evernia Prunastri (Oak Moss) Extract	90028-68-5	<0.01
Farnesol	4602-84-0	<0.01
Geraniol	106-24-1	<0.01
Hexyl Cinnamal	101-86-0	<0.01
Hydroxycitronellal	107-75-5	<0.01
Hydroxyisohexyl 3-Cyclohexene Carbocaldehyde (Lyral)	31906-04-4	<0.01
Isoeugenol	97-54-1	<0.01
Limonene	138-86-3	10.00
	5989-27-5	
	5989-54-8	
Linalool	126-90-9	<0.01
	126-91-0	
	78-70-6	
Methyl 2-Octynoate	111-12-6	<0.01

\* A denotes absent

The information contained herein is true and accurate to the best of our knowledge.

We will not therefore accept liability for misuse of this data.



**IFRA CONFORMITY CERTIFICATE  
RUE ESSENTIAL OIL**

<b>Product Name</b>	RUE OIL SPAIN
<b>CAS Number</b>	84929-47-5
<b>EC Number</b>	284-531-5

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (up to and including IFRA 48<sup>th</sup> Amendment / published in June 2015), provided that it is used in the following applications (classes) at a maximum concentration level of:

<b>IFRA Class(es) (See Annex for Details)</b>	<b>Max Level of Use (%)</b>
Class 1	20.00
Class 2	20.00
Class 3A	20.00
Class 3B	20.00
Class 3C	20.00
Class 3D	20.00
Class 4A	20.00
Class 4B	20.00
Class 4C	20.00
Class 4D	20.00
Class 5	20.00
Class 6	20.00
Class 7A	20.00
Class 7B	20.00
Class 8A	20.00
Class 8B	20.00
Class 9A	20.00
Class 9B	20.00
Class 9C	20.00
Class 10A	20.00
Class 10B	20.00
Class 11	100.00

For other kinds of applications or use at higher concentration levels, 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 the customer to ensure the safety of the final product (containing this fragrance), by further testing if need be.

#### ANNEX: Definition of IFRA Classes

FINISHED PRODUCT TYPES	IFRA CATEGORY
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's Toys.	Class 1
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.) Nose Pore Strips. Fragranced Bracelets.	Class 2
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave)	Class 3A
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) Fine Fragrance.	Class 3B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care. Men's Facial Creams and Balms. Baby Creams, Lotions, Oils. Body Paint for Children.	Class 3C
Tampons.	Class 3D
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum. Ingredients or Perfume Kits. Scent Pads, Foil Packs. Scent Strips for hydroalcoholic products.	Class 4A
Fine Fragrance – Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum.	Class 4B
Hair Styling Aids, Sprays of all types (pumps, aerosol sprays, etc.) Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils). Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae. Fragrance Compounds for Cosmetic Kits. Foot Care Products. Hair Deodorant.	Class 4C



Body Paint (except those for children). Fragrancing Cream, Solid Perfumes.	Class 4D
Facial Masks. Women's Facial Creams/Facial Make-up, Hand Cream, Hand Sanitizers, Baby Powder and Talc, Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes, Wipes or Refreshing Tissues for Face, Neck, Hands, Body, Dry Shampoo or Waterless Shampoo.	Class 5
Mouthwash, including Breath Sprays, Toothpaste.	Class 6
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-conditioners, etc.), Nail Care, Powders and talcs, all types (except baby powders and talcs).	Class 8A
Hair Dyes.	Class 8B
Conditioner (Rinse-Off), Liquid Soap, 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.), All Depilatories (including waxes for mechanical hair removal), Body Washes of all types (including baby washes) and Shower Gels of all types, Bar Soap (Toilet Soap), Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater.	Class 9A
Feminine hygiene – pads, liners, Toilet paper, Wheat bags.	Class 9B
Facial tissues, Napkins, Paper towels, Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids/sprays.	Class 9C
Handwash Laundry Detergents of all types including concentrates, Fabric Softeners of all types including fabric softener sheets, household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.) Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates, Hand Dishwashing Detergent including concentrates, Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.), Shampoos for pets, Dry cleaning kits, Scented gloves, socks, tights with moisturisers.	Class 10A
Diapers, Toilet seat wipes.	Class 10B
All non-skin contact or incidental skin contact including: Candles, Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5ml/spray), plug-ins, solid substrate, membrane delivery, electrical), Air Delivery Systems, Cell Phone Cases, Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers, Liquid refills for air fresheners (cartridge systems), Shoe Polishes, Deodorisers/Maskers not intended for skin contact (e.g. fabric drying machine deodorisers, carpet powders), Insecticides (mosquito coil, paper, electrical for clothing etc.) excluding aerosols, Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulisation), Air freshening crystals, Toilet Blocks, Joss Sticks or Incense Sticks, Machine Dishwash Detergent and Deodorisers, Machine-only Laundry Detergent (e.g. Liquitabs), Plastic articles (excluding toys), Fuels, Fragranced lamp ring, Scratch and Sniff (sampling technology), Paints, Cat Litter, Animal Sprays (all types), Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics), Floor Wax, Odoured Distilled Water (that can be added to steam irons).	Class 11

## SAFETY DATA SHEET RUE ESSENTIAL OIL

### 1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1	Trade Name	RUE OIL SPAIN
1.2	Relevant Identified Uses of the Substance or Mixture	Raw material for industrial use.
1.3	Details of the Supplier of the Safety Data Sheet	Madar Corporation 9-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
1.4	Email Address	sales@madarcorporation.co.uk
1.5	Telephone Number	01425 655555

### 2 Hazards Identification

#### 2.1 Classification of the Substance or Mixture:

##### Classification according to Regulation (EC) No 1272/2008:

Flammable liquids	Hazard Category 3
Aspiration hazard	Hazard Category 1
Skin corrosion/irritation	Hazard Category 2
Sensitisation - Skin	Hazard Category 1
Serious eye damage/eye irritation	Hazard Category 2
Hazardous to the aquatic environment	Acute Hazard, Category Acute 1
Hazardous to the aquatic environment – Long-term Hazard	Category Chronic 1
Hazardous to the aquatic environment – Long-term Hazard	Category Chronic 2

#### 2.2 Label Elements:

EC Number	284-531-5
Synonyms	Rue, ext.
Signal Word	DANGER



#### Hazard Statements:

H226	Flammable liquid and vapour.
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.



**Precautionary Statements:**

<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection.
<b>P301+P310</b>	IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
<b>P302+P352</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>P331</b>	Do NOT induce vomiting.

**3 Composition/Information on Ingredients**

**3.1 Substances:**

Concentration Range of the Constituent (% Weight/Weight)	EC Number/ Registration Number	CAS Number	Chemical Name
25 – 100%	284-531-5	84929-47-5	Rue, ext.

**4 First Aid Measures**

**4.1 Description of First Aid Measures:**

<b>Ingestion</b>	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. DO NOT induce vomiting.
<b>Eye contact</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Inhalation</b>	Remove person to fresh air and keep at rest.
<b>Skin Contact</b>	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

<b>4.2</b>	<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	Not described.
<b>4.3</b>	<b>Indication of Immediate Medical Attention and Special Treatment Needed</b>	No further information available at this time.

**5 Fire-fighting Measures**

<b>5.1</b>	<b>Extinguishing Media</b>	Carbon dioxide (CO2), dry chemical powder or appropriate foam. For safety reasons do not use full water jet.
<b>5.2</b>	<b>Special Hazards Arising from the Substance or Mixture</b>	Not applicable.
<b>5.3</b>	<b>Advice for Fire-fighters</b>	In case of fire in the surrounding area, follow the recommendations below: 1 – Closed containers may build up pressure at elevated temperatures. 2 – Avoid inhalation of fumes or vapours. Use appropriate respiratory protection. 3 – Prevent run-off from fire-fighting to enter drains or water courses.



**6 Accidental Release Measures**

<b>6.1</b>	<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear appropriate gloves to prevent skin exposure. Avoid contact with skin and inhalation of its vapour or smoke. Maintain adequate ventilation in the working area after spillage.
<b>6.2</b>	<b>Environmental Precautions</b>	Avoid contaminating the environment via the sewers or water sources.
<b>6.3</b>	<b>Methods and Material for Containment and Cleaning Up</b>	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.
<b>6.4</b>	<b>Reference to Other Sections</b>	See Section 13.

**7 Handling and Storage**

<b>7.1</b>	<b>Precautions for Safe Handling</b>	Keep away from food, drink and animal feedingstuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.
<b>7.2</b>	<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.
<b>7.3</b>	<b>Specific End Use(s)</b>	No further relevant information available.

**8 Exposure Controls/Personal Protection**

**8.1 Control Parameters:**

**Occupational Exposure Limits:**

Substance	Occupational Exposure Limit Value 8 H (VLA-ED)	Short Term Occupational Exposure Limited Value (VLA-EC)	Notation
Bornan-2-one	13 mg/m <sup>3</sup>	19 mg/m <sup>3</sup>	-

**8.2 Exposure Controls:**

<b>Personal Protection Equipment</b>	Use personal protection equipment according to Directive 89/686/EEC
<b>Eye/Face Protection</b>	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
<b>Respiratory Protection</b>	Use personal breathing apparatus whenever deemed necessary
<b>Skin Protection</b>	Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
<b>Engineering Controls - Ventilation</b>	The areas where the product is handled and stored should be adequately ventilated.





**9 Physical and Chemical Properties**

**9.1 Information on Basic Physical and Chemical Properties:**

<b>Appearance</b>	Yellowish transparent liquid.
<b>Odour</b>	Characteristic.
<b>Solubility</b>	Insoluble in water.
<b>Relative Density</b>	0.809 – 0.849 g/cm <sup>3</sup> (20°C)
<b>Flash Point</b>	92°C
<b>Additional Information</b>	Not applicable.

**10 Stability and Reactivity**

<b>10.1 Reactivity</b>	Not available.
<b>10.2 Chemical Stability</b>	Stable under normal operating conditions.
<b>10.3 Possibility of Hazardous Reactions</b>	Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.
<b>10.4 Conditions to Avoid</b>	Avoid excessive heat, sparks or open flame. No special precautions other than good housekeeping of chemicals.
<b>10.5 Incompatible Materials</b>	None known.
<b>10.6 Hazardous Decomposition Products</b>	Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

**11 Toxicological Information**

<b>11.1 Information on Toxicological Effects</b>	See also Sections 2 and 3.
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**12 Ecological Information**

<b>12.1 Acute Aquatic Toxicity</b>	
<b>12.2 Persistence and Degradability</b>	Not available.
<b>12.3 Bioconcentration Factor</b>	
<b>12.4 Mobility in Soil</b>	Not available.
<b>12.5 Results of PBT and vPvB Assessment</b>	
<b>12.6 Other Adverse Effects</b>	Do not allow the material to enter streams, sewers or other waterways.

**13 Disposal Considerations**


**13.1 Waste Treatment Methods:**

<b>Container Disposal</b>	Do not reuse empty containers. Containers must be disposed of as hazardous waste.
<b>Disposal Conditions</b>	Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

**14 Transport Information**

**14.1 International Carriage of Dangerous Goods by ROAD (ADR)**

<b>UN No.</b>	UN1993
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S. (Contains Rue, ext.)

<b>Packing Group</b>	III
<b>Class</b>	3
<b>Tunnel Restriction Code</b>	(D/E)
<b>Label</b>	

#### 14.2 Air Transport (ICAO/IATA)

<b>UN No.</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, N.O.S. (Contains Rue, ext.)
<b>Class</b>	3
<b>Packing Group</b>	III

#### 14.3 Sea Transport (IMDG-34)

<b>UN No.</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, N.O.S. (Contains Rue, ext.)
<b>Class</b>	3
<b>Packing Group</b>	III
<b>EMS</b>	F-E, S-E
<b>Marine Pollutant</b>	Yes.

#### 15 Regulatory Information

<b>15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture</b>	Substances are either included in EINECS, ELINCS, NPL inventories or exempt.
<b>15.2 Chemical Safety Assessment</b>	Not available.

#### 16 Other Information

This material should only be used for industrial purposes.

1. Council Directive 67/548/EEC of 27 June 1967 of the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.
2. Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.
3. 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.
4. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Reason for Change: N/A



**WARNING/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.





## ***TECHNICAL DATA SHEET***

### **RUE OIL**

#### **TECHNICAL PROPERTIES**

#### ***ANALYTICAL SPECIFICATION***

**Specific gravity D 20/20** : 0,820 - 0,960

OLFACTIVE NOTE : Characteristic  
COLOR AND APPEARANCE yellow- orange, transparent liquid

#### **STORAGE**

To be stored at room temperature, in a dry place in tightly - closed containers preferably full. Protect from light. When stored for more than months , quality should be checked before use.

#### **HANDLING**

According to IFRA CODE of practice

#### **RECOMMENDED USES :**

Multi uses.

#### **CAUTION**

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.

#### **NOTE**

This data is based on information believed to be reliable. The values were determined immediately after manufacture of the product. Alterations can result due to improper transport and/or improper storage. The certificate does not release the user from the responsibility of undertaking his own tests of the characteristics of the product and its suitability in the intended application.