

### **CERTIFICATE OF ANALYSIS**

MATERIAL	BAY OIL WEST INDIES
EINECS CAS NUMBER	91721-75-4; 85085-61-6
CAS NUMBER	8006-78-8
EC NUMBER	294-376-5; 285-385-5
BATCH	4532401
BEST BEFORE END	February 2027

Appearance	Pale yellow to yellow liquid
Odour	Characteristic
Optical Rotation @ 20°C	-9.15
Specific Gravity @ 20°C	0.963
Refractive Index @ 20°C	1.5071
Flashpoint	63°C
Solubility	Soluble in ethanol

# **Storage**

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

# Handling

According to IFRA Code of Practice.

# Recommended Uses Multiple uses.

#### Caution

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



# **ALLERGEN 2023 DECLARATION - EU 2023/1545**

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

MATERIAL B	BAY OIL WEST INDIES
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Ingredient	CAS	EC	Concentration
Beta Caryophyllene	87-44-5	201-746-1	1.3875%
Carvone	99-49-0, 6485-40-1,	202-759-5, 229-352-5,	0.05%
	2244-16-8	218-827-2	
Citral	141-27-5, 106-26-3,	205-476-5, 203-379-2,	0.0024%
	5392-40-5	226-394-6	
Eugenol	97-53-0	202-589-1	50.2%
Eugenyl Acetate	93-28-7	202-235-6	0.15%
Geraniol	106-24-1	203-377-1	8.0016%
Geranyl Acetate	105-87-3	203-341-5	0.0006%
Limonene	138-86-3, 7705-14-8,	205-341-0, 231-732-0,	1.5586%
	5989-54-8, 5989-27-5	227-815-6, 227-813-5	
Linalool	78-70-6	201-134-4	0.6253%
Linalyl Acetate	115-95-7	204-116-4	29%
Pinene	80-56-8, 7785-70-8,	201-291, 232-087-8,	22.3281%
	127-91-3, 18172-67-3	204-872-5, 242-060-2	
Terpineol	8000-41-7, 98-55-5,	232-268-1, 202-680-6,	0.3253%
-	138-87-4, 586-81-2	205-342-6, 209-584-3	
Terpinolene	586-62-9	209-578-0	0.2053%

Please note components <1ppm are not shown.

**28 NOVEMBER 2023** 



# **MANUFACTURING PROCESS**

MATERIAL	BAY OIL WEST INDIAN	
	Pimenta racemosa L.	
	Steam Distillation	
	Filtration	
	Bay Oil	



### **GMO DECLARATION**

MATERIAL	DAY OU MEOT MIDIAN
MATERIAL	BAY OIL WEST INDIAN
1017   611176	

We have carefully reviewed the ingredients in this product for their potential genetically modified (GM) origin. The list includes ingredients which may be produced from other GM ingredients.

Material	Present	Of GMO Origin
Chicory	No	•
Cotton	No	-
Maize	No	•
Potato	No	•
Rape	No	-
Soya	No	•
Sugar Beet	No	-
Tomato	No	•
Wheat	No	-

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of the data resulting in damage or loss.

25 June 2021



# CIRCLE CERTIFICATE OF CONFORMITY WITH IFRA **STANDARDS**

**REVISION: 28.11.2023** 

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

#### **CERTIFYING PARTY**

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

#### **SCOPE OF THE CERTIFICATE**

**BAY OIL WEST INDIES** 

#### **COMPULSORY INFORMATION**

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published June 2023), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of Use
IFRA Category 1	0.08%
IFRA Category 2	0.27%
IFRA Category 3	0.08%
IFRA Category 4	2.14%
IFRA Category 5A	0.29%
IFRA Category 5B	0.04%
IFRA Category 5C	0.08%
IFRA Category 5D	0.01%
IFRA Category 6	0.19%
IFRA Category 7A	0.08%
IFRA Category 7B	0.08%
IFRA Category 8	0.01%
IFRA Category 9	0.33%
IFRA Category 10A	0.12%
IFRA Category 10B	0.40%
IFRA Category 11A	0.01%
IFRA Category 11B	0.01%
IFRA Category 12	12.85%



# bi rigins certificate of conformity with IFRA

**REVISION: 28.11.2023** 

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact the certifying party.

#### **ADDITIONAL INFORMATION ABOUT INGREDIENTS**

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the material named above is as follows:

Materials with an IFRA Limit	CAS Number(s)	Concentration in the Fragrance Mixture
Carvone	99-49-0, 2244-16-8, 6485-40-1	0.0500%
Citral	5392-40-5, 141-27-5, 106-26-3	0.0024%
Cuminaldehyde	122-03-2	0.0013%
Estragole	140-67-0	0.0500%
Eugenol	97-53-0	50.2000%
Eugenyl Methyl Ether	93-15-2	0.5135%
Geraniol	106-24-1	5.5000%



# CERTIFICATE OF CONFORMITY WITH IFRA **REVISION: 28.11.2023 STANDARDS**

#### **ANNEX 1**

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type  Products applied to the lips: Lip products e.g. lipstick, lip balm; Children's toys		
1			
2	Products applied to the axillae: Deodorant and antiperspirant products of all types: Body sprays/mists		
3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturiser, Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint		
4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips		
5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)		
5B	Face moisturiser products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturisers and creams		
5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitisers		
5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc		
6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets		
7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes		
7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave-on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo – Dry (waterless shampoo); Hair deodoriser		
8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)		
9	Products with body and hand exposure, primarily rinse-off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depila (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in bath for soaking); Shan for pets		
10A	Household care excluding aerosol/spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.		
10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides		
11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)		
11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturisers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilisers, solid (pellet or powder)		
12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrate aerosol with metered doses, ;plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorisers/maskers not intended for skin contact e.g. fabric drying machine deodorisers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorisers – for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)		

# MYSTIC M@MENTS

1 Iden	1 Identification of the Substance/Mixture and of the Company/Undertaking		
1.1	Trade Name	BAY OIL WEST INDIAN	
1.2	Relevant Identified Uses of	Concentrated material for manufacturing purposes only.	
	the Substance or Mixture		
	and Uses Advised Against		
1.3	Details of the Supplier of	Madar Corporation Limited	
	the Safety Data Sheet	19 - 20 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA	
		TEL: 01425 655 555	
		EMAIL: technical@madarcorporation.co.uk	

### **2 Hazards Identification**

2.1	Classification of the	ATO 4	Acute Toxicity, oral, Category 4.
	Substance or Mixture	AH 1	Aspiration hazard, Category 1.
		SCI 2	Skin corrosion/irritation, Category 2.
		SS 1	Skin sensitisation, Category 1.
		EDI 1	Eye damage/irritation, Category 1.
		EH A1	Aquatic hazard, acute, Category 1.
		EH C1	Aquatic hazard, long term, Category 1.

### 2.2 Label Elements:

GHS Classification According to Regulation (EC) No. 1272/2008:

#### **Hazard Pictograms:**









Signal Word	DANGER
Signai word	DANGER

#### **Hazard Statements:**

H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	

#### **Precautionary Statements:**

P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection.	
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.	
P332+P313	If skin irritation occurs: Get medical advice.	
P333+P313	If skin irritation or rash occurs: Get medical advice.	

# MYSTIC M@MENTS

P501	Disp	oose of cont	ents and container in accordance with local regulations.
2.3			thing from the allergens list which may produce an allergic
	r	reaction. No	further information available at this time.
	position/Information		
3.1	Mixtures	Comple	ex mixture of ingredients.
	Aid Measures		
4.1	Description of Fire	st Aid	Take phrases in Section 2 into account.
	Measures		
	Inhalation		Remove from the exposure area to fresh air. Contact a
			doctor if necessary.
	Skin Contact		Remove contaminated clothing. Wash thoroughly with soap
			and water. Seek medical advice if irritation persists or there
			is any sign of tissue damage.
	Eye Contact		Flush with plenty of water and seek medical advice if
			necessary.
	Ingestion		Wash mouth with plenty of water and obtain medical advice
			immediately.
4.2	P P		No further information available at this time.
	and Effects, both Acute		
	and Delayed		
4.3	Indication of Imm		No further information available at this time.
	Medical Attention and		
	Special Treatment Needed		
	0.1.1.		
	5 Fire-fighting Measures		
5.1	Extinguishing Med	dia	Carbon dioxide, foam or dry powder. DO NOT USE A
			DIRECT WATER JET.
5.2	Special Hazards A	_	May produce Carbon dioxide and unidentified organic
F 3	the Substance or		compounds.
5.3	Advice for Fire-fig	nters	Wear protective clothing and avoid inhalation of vapours.
			Keep containers cool with water spray.
6 Accidental Release Measures			
			Pomovo all courses of ignition. Avoid inhelation, skip and
6.1	Personal Precauti	-	Remove all sources of ignition. Avoid inhalation, skin and
	Protective Equipm		eye contact. Ensure proper ventilation.
6.2	Emergency Proced Environmental Pro		Do not discharge directly into drains or the soil. Keep away
0.2	Environmental Pr	ecautions	Do not discharge directly into drains or the soil. Keep away
6.3	Methods and Mat	torial for	from surface and ground water.
0.3			Soak up spillage with sand or other inert absorbent material
	Containment and	cleaning	such as earth or vermiculite; transfer used material to a
	Up		



		suitable waste container and dispose in accordance with
		regulations.
6.4	Reference to Other	Refer to information in Sections 7, 8 and 13.
	Sections	

# 7 Handling and Storage

7.1	Precautions for Safe Handling	Maintain good occupational and personal hygiene.
		Avoid inhalation and contact with skin and eyes.
7.2	Conditions for Safe Storage,	Store in tightly sealed original containers away from
	Including any Incompatibilities	ignition sources and in a cool place.
7.3	Specific End Use(s)	No further relevant information available.

### 8 Exposure Controls/Personal Protection

8.1	<b>Control Parameters</b>	No information available.
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#### **8.2 Exposure Controls:**

OIL EXPOSUIC CONTROLS			
<b>Engineering Controls</b>	No information available.		
Individual Protection	Refer to Section 5 for specific fire/chemical personal protective		
Measures	equipment advice. Always wash routinely before breaks, meals and at		
	the end of the work period.		
Eye/Face Protection	Wear safety goggles.		
<b>Hand Protection</b>	Wear chemically resistant disposable gloves.		
Other Skin Protection	Wear overalls. Always wash routinely before breaks, meals and at end		
	of the work period.		
Respiratory Protection	Not generally required. Use inhalation protection in poorly ventilated		
	areas.		
Thermal Hazards	No information available.		
Environmental	No information available.		
<b>Exposure Controls</b>			

### 9 Physical and Chemical Properties

# 9.1 Information on Basic Physical and Chemical Properties:

•	
Flash Point	63.0°C
Appearance	Pale yellow to yellow liquid.
Odour Description	Fresh odour reminiscent of lemongrass.
Relative Density @ 20°C	0.913 to 0.943
Vapour Pressure	No data available.
<b>Auto-ignition Temperature</b>	No data available.
Odour Threshold	No data available.
рН	Not applicable for this product.
<b>Evaporation Rate</b>	No data available.
Vapour Density	No data available.
Partition Coefficient	No data available.
<b>Decomposition Temperature</b>	No data available.



Viscosity	No data available.
<b>Explosive Properties</b>	Not determined (material not explosive).
<b>Oxidising Properties</b>	Not determined (not an oxidising agent).
Other Information	No further information available.

### 10 Stability and Reactivity

10.1	Reactivity	Not determined.
10.2	Chemical Stability	Not determined.
10.3	Possibility of Hazardous	Not determined.
	Reactions	
10.4	Conditions to Avoid	Extreme temperatures.
10.5	Incompatible Materials	Highly reactive chemicals which may produce unknown
		reaction products and so cause additional hazards.
10.6	<b>Hazardous Decomposition</b>	Not determined.
	Products	

### 11 Toxicological Information

#### 11.1 Information on Toxicological Effects:

Acute Toxicity	No data available.
Skin Corrosion/Irritation	No data available.
Serious Eye Damage/Irritation	No data available.
Respiratory or Skin Sensitisation	No data available.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive Toxicity	No data available.
STOT-single Exposure	No data available.
STOT-repeated Exposure	No data available.
Aspiration Hazard	No data available.
Information on Likely Routes of	No data available.
Exposure	
Symptoms Related to the	No data available.
Physical, Chemical and	
Toxicological Characteristics	
Delayed and Immediate Effects	No data available.
as well as Chronic Effects from	
Short and Long-term Exposure	
Interactive Effects	No data available.
Other Information	No data available.

# 12 Ecological Information

12.1	Toxicity	No data available. Avoid soil, surface water and water-
		bearing stratum contamination.
12.2	Persistence and Degradability	No data available.



12.3	Bioaccumulative Potential	No data available.
12.4	Mobility in Soil	No data available.
12.5	Results of PBT and vPvB	No data available.
	Assessment	
12.6	Other Adverse Effects	No data available.

#### 13 Disposal Considerations

Please refer to the information in Section 8 (Exposure controls and personal protection).

13.1	Waste Treatment	Dispose in accordance with the law and local regulations. Treat as
	Methods	trade effluent.

# 14 Transport Information

_ / // Wi	14 Hansport Injornation		
14.1	UN Number	3082	
14.2	UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,	
		N.O.S.	
14.3	Transport Hazard Class(es)	9	
14.4	Packing Group	III	
	Tunnel Code	(E)	
14.5	<b>Environmental Hazards</b>	No relevant information available.	
14.6	Special Precautions for User	No relevant information available.	
14.7	Transport in Bulk According	Not applicable.	
	to Annex II of MARPOL73/78		
	and the IBC Code		

# 15 Regulatory Information

15.1	Safety, Health and Environmental	No relevant information available at this time.
	Regulations/Legislation Specific	
	for the Substance or Mixture	
15.2	Chemical Safety Assessment	A chemical safety assessment has not been carried
		out.

# 16 Other Information

#### 16.1 Full List of Precautionary Phrases:

P261	Avoid breathing fumes.	
P264	Wash hands thoroughly after handling.	
P270	Do not eat, drink or smoke when using this product.	
P272	Contaminated work clothing should not be allowed out of the workplace.	
P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection.	
P301+P330+P331	330+P331   IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.	
P305	IF IN EYES:	
P310	Immediately call a doctor.	



P312	Call a doctor if you feel unwell.	
P332+P313	If skin irritation occurs: Get medical advice.	
P333+P313	If skin irritation or rash occurs: Get medical advice.	
P351	Rinse cautiously with water for several minutes.	
P362	Take off contaminated clothing before reuse.	
P363	Wash contaminated clothing before reuse.	
P391	Collect spillage. Hazardous to the aquatic environment.	
P405	Store locked up.	
P501	Dispose of contents and container in accordance with local regulations.	

#### **WARNING/DISCLAIMER:**

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. However, the accuracy of this information cannot be guaranteed by the company as the data has been obtained from different sources. We will not, therefore, accept liability for misuse of this data resulting in damage or loss.



#### **SPECIFICATION**

MATERIAL	BAY OIL WEST INDIAN

Appearance	Pale yellow to yellow liquid
Odour	Characteristic
Optical Rotation @ 20°C	-5.0 to +5.0
Specific Gravity @ 20°C	0.913 to 1.003
Refractive Index @ 20°C	1.4800 to 1.5300
Flashpoint	63°C
Solubility	Soluble in ethanol

Shelf Life 18 Months

After this delay, the quality must be checked.

#### **Storage**

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

#### Handling

**According to IFRA Code of Practice.** 

#### Caution

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

This information contained in this data sheet is to the best of our knowledge, including the data supplied by our suppliers, current at the mentioned date and remain the property of the issuer. Alteration can result of improper transport and/or storage. The certificate does not release the user from the responsibility of undertaking his own tests of conditions and suitability in the intended uses with regard to the current legal and statutory measures.

25 June 2021



# **VEGAN & VEGETARIAN DECLARATION**

MATERIAL	BAY OIL WEST INDIAN

Vegan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
Vegetarian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
Ovo-lacto Vegetarian	Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of the data resulting in damage or loss.