

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Bay Oil (West Indian)**

PRODUCT CODE: **31398**

SUPPLIER: Essential Oils Direct Po Box 161 Oldham OL2 6FA

Emergency Tel No: 0161 633 3952 Emergency Contact: Mr. David Freer.

Full MSDS library can be found at <http://www.essentialoilsgdirect.co.uk/msds>

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil steam distilled from the leaves of *Pimenta acris* (*racemosa*).

H-No: CAS No: 8006-78-8 Status: natural

CoE No: 334 FEMA: 2122 Additives: none

FDA: IFRA: see section 16 Application: Aromatherapy, skin care etc

EC No: 285-385-5 EINECS CAS No: 85085-61-6

RIFM: RTECS: FCCIV:

INCI name: Pimenta acris (Bay) Leaf Oil

3. HAZARDS IDENTIFICATION:

Xn harmful; R10 Flammable

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

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

CLEANING UP METHODS: Remove all potential ignition sources. Contain spilled material. Cover

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FOR SPILLAGES: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION: Avoid breathing product vapour. Apply local ventilation where possible.

VENTILATION: Ensure good ventilation of working area.

HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves if required.

EYE PROTECTION: Use safety glasses.

WORK/HYGIENE PRACTICES: Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR: Orange/brown liquid

APPEARANCE: Mobile liquid

ODOUR: Strong, spicy

FLASH POINT °C: 55 - 62

SPECIFIC GRAVITY @ 20°C: 0.940 – 0.985

REFRACTIVE INDEX @ 20°C: : 1.500 – 1.520

10. STABILITY & REACTIVITY.

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Data not available

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

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

14. TRANSPORT REGULATIONS.

UN 1169: applies

ROAD (ADR/RID): Class 3 Packing group III

AIR (IATA/ICAO): Class 3 Packing group III

SEA (IMDG): Class 3 Packing group III

CHIP: See Section 15.

15. REGULATORY INFORMATION.

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HAZARDS: Harmful, Dangerous for the environment
 SYMBOLS: Xn, N
 RISK PHRASES: R10 Flammable
 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.
 R65 Harmful, may cause lung damage if swallowed
 SAFETY PHRASES: S24 Avoid contact with skin
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S37 Wear suitable gloves
 S61 Avoid release to the environment. Refer to special instructions / safety data sheets
 S62 If swallowed do not induce vomiting, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION.

Cosmetics Directive 7th Amendment: Restrictions may apply. A source of Eugenol, Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products.

PACKAGING:

| Type | Suitability |
|-------------------------|-------------|
| Glass | Yes |
| Lacquer lined steel/tin | Yes |
| Aluminium | Yes |
| HPPE | No |
| F/HDPE | Yes |
| Other plastic | No |

SHELF LIFE

When stored within advised conditions, re-test after 12 months then every 3 months up to a maximum shelf life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis 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.

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| PRODUCT | Bay Oil, West Indian Type |
| PRODUCT CODE | 31398 |

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| MATERIAL | CAS NUMBER | TOTAL ALLERGEN INCLUSION LEVEL (%) |
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| AMYL CINNAMAL | 122-40-7 | |
| BENZYL ALCOHOL | 100-51-6 | |
| CINNAMYL ALCOHOL | 104-54-1 | |
| CITRAL | 5392-40-5 | |
| EUGENOL | 97-53-0 | 48.890 |
| HYDROXYCITRONELLAL | 107-75-5 | |
| ISO EUGENOL | 97-54-1 | |
| 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-CLYCLOHEXENE CARBOXALDEHYDE | 31906-04-4 | |
| ANISE ALCOHOL | 105-13-5 | |
| BENZYL CINNAMATE | 103-41-3 | |
| FARNESOL | 4602-84-0 | |
| BUTYLPHENYL METHYLPROPIONAL | 80-54-6 | |
| LINALOOL | 78-70-6 | 2.220 |
| BENZYL BENZOATE | 120-51-4 | |
| CITRONELLOL | 106-22-9 | |
| HEXYL CINNAMAL | 101-86-0 | |
| LIMONENE | 5989-27-5 | 3.090 |
| METHYL 2-OCTYNOATE | 111-12-6 | |
| ALPHA-ISOMETHYL IONONE | 127-51-5 | |
| EVERNIA PRUNASTRI EXTRACT | 90028-68-5 | |
| EVERNIA FURFURACEA EXTRACT | 90028-67-4 | |

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For Inovia International