



MATERIAL SAFETY DATA SHEET

BAY OIL

This safety data sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No: 1907/2006, and described in CLP Regulation (EC) No: 1272/2008

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name:	Bay Oil
E C Number:	285-385-5
EC Name:	<i>Pimenta racemosa, ext</i>
CAS number:	85085-61-6

1.2 Relevant identified uses of the substance or mixture and uses advised against **Multiple uses in the Flavour and Fragrance industry**

1.3 Details of the supplier of the safety data sheet

Address:	The Soap Kitchen Unit 8 Caddsdwn Industrial Park Clovelly Road Bideford Devon EX39 3DX UK
Telephone Number:	+44 (0)1237 420872
Website Address:	www.thesoapkitchen.co.uk
Email Address:	info@thesoapkitchen.co.uk

SECTION 2: Hazards identification**2.1 Classification of the substance**

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

Hazard Phrases

H226 Flammable liquid and vapour

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H341 Suspected of causing genetic defects

H351 Suspected of causing cancer

Precautionary Phrases

P262 Do not get in eyes, on skin, or on clothing

P280 Wear protective gloves/protective clothing/eye protection/face protection

P281 Use personal protective equipment as required

P301+310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor

P305+351+338 IF IN EYES; Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P331 DO NOT induce vomiting

2.2 Label elements

Signal word DANGER

Pictograms

GHS02



GHS07



GHS08



GHS09

2.3 Other hazards

SECTION 3: Composition

3.1 Substances

100% Bay Oil

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Irrigate the eyes with copious volumes of water for at least 15 minutes with the eye lids held open. Seek medical advice if inflammation persists

INHALATION: Remove person to fresh air, remove any contaminated clothing. In case of breathing difficulty seek medical advice.

SKIN CONTACT: Wash affected area with soap and running water, if irritation persists seek medical advice.

INGESTION: Dilute internally with water. DO NOT INDUCE VOMITING. Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

SECTION 5: Firefighting Measures

5.1 Extinguishing media: Foam, CO₂, Dry Powder

5.2 Special hazards arising from the substance or mixture

Combustion products: Carbon monoxide, Carbon dioxide, Smoke

5.3 Advice for fire fighters:

Do not use water as extinguishing media. No special fire fighting equipment needed.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear clothing suitable for an emergency

6.2 Environmental precautions

Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.

6.3 Methods and materials for containment and clearing up

Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

SECTION 7: Handling and Storage**7.1 Precautions for safe handling**

Handle in a well ventilated area, away from sources of ignition. **DO NOT SMOKE**

7.2 Conditions for safe storage, including any incompatibilities

Store in well-fitted, tightly closed containers away from heat, light and sources of ignition.

7.3 Specific end uses

Used in Flavours and Fragrances

SECTION 8: Exposure Controls/Personal Protection**8.1 Control parameters**

No data available

8.2 Exposure controls

Engineering controls – Use suitable handling equipment

Respiratory protection – Use only in well ventilated area. Use protection in poor ventilation

Hand Protection – Wear gloves

Eye Protection – Wear goggles

Skin Protection – Wear suitable protective clothing

SECTION 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance: Clear, mobile liquid

Odour: Characteristic of Bay Oil

Odour Threshold: No data available

pH: not applicable

Melting Point: Not applicable

Boiling Point: Not applicable

Flashpoint: 49°C

Evaporation rate: No data available

Flammability:	Flammable
Upper/lower flammability limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	0.943 – 0.984
Soluble in water:	Insoluble
Solubility in other solvents:	Soluble
Partition coefficient (log Kow):	No data available
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	None

9.2 Other information

Particle size:	Not applicable
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SECTION 10: Stability and Reactivity

10.1	Reactivity: Will react with oxidising agents
10.2	Chemical stability: Stable under proper storage conditions.
10.3	Possibility of hazardous reactions: Not if stored correctly
10.4	Conditions to avoid: Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition
10.5	Incompatible materials: Oxidising agents
10.5	Hazardous decomposition products: On combustion may produce smoke, carbon monoxide and carbon dioxide

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Toxicokinetics

- (a) Acute toxicity: LD₅₀ 1800 mg/kg (Rat). Dermal 5000mg/kg (Rabbit)
- (b) Skin corrosion/irritation: Cause skin irritation
- (c) Serious eye damage/irritation: May cause eye irritation
- (d) Respiratory/skin sensitisation: May cause an allergic skin reaction
- (e) Germ cell mutagenicity: Suspected of causing genetic defects
- (f) Carcinogenicity: Limited evidence of causing cancer
- (g) Reproductive toxicity: No data available
- (h) STOT-single exposure: No data available
- (i) STOT-repeated exposure: No data available
- (j) Aspiration hazard: No data available

SECTION 12: Ecological information

- 12.1 Toxicity: No data available
- 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 assessment: No data available
- 12.6 Other adverse effect

SECTION 13: Disposal Considerations

13.1 Waste treatment methods – Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.

SECTION 14: Transport information

	ADR	IMDG	ICAO
14.1 UN Number	1169		
14.2 UN Proper shipping name	BAY OIL		
14.3 Transport hazard class (es)	3	3	3
14.4 Packing group	111		
14.5 Environmental hazards			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code			

SECTION 15: Regulatory Information

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

This substance is listed as existing in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other information

Revision information:

List of abbreviations used in this SDS:

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD	Dangerous Substances Directive 67/548/EEC
DPD	Dangerous Preparations Directive 1999/45/EC
EC	European Community/Commission
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB	Very Persistent, very Bioaccumulative

References: Food Cosmetics Toxicology 11(5) 869 – 70 (1973)

The information in this safety data sheet is based on the properties of the material known to The Soap Kitchen at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purpose.