



MATERIAL SAFETY DATA SHEET

According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

1.1 PRODUCT IDENTIFIER

Product Name	Frankincense Essential Serrata Oil
Biological Definition	Boswellia Serrata Oil is the oil obtained from Boswellia serrata, Burseraceae
INCI Name	Boswellia Serrata Oil
Synonyms & Trade Names	-
Internal Product Code	TDCL-CESS-BOWL-NFKN
CAS Number	97952-72-2
EC Number	308-366-6
EINECS Number	308-366-6
REACH Status	Exempt <1T PA

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
Emergency Telephone Number	01376 560 348



SECTION 2: HAZARD IDENTIFICATION


2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The Full Text for all Hazard Statements are Displayed in Section 16.

Classification (EU 1272/2008)	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Aquatic Chronic 1 – H410
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2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	 <p>GHS07 GHS08 GHS02 GHS09</p>
Signal word:	Danger.
Contains	This is a natural substance. The substance has a natural variability in its composition. It is obtained by the steam distillation of the gathered resin, bled from the wild grown tree <i>Boswellia serrata</i>
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. H410: Very toxic to aquatic life with long lasting effects.
Precautionary Statements:	P262: Do not get in eyes, on skin, or on clothing P273: Avoid release to the environment P280: Wear protective gloves/clothing/eye-protection/face protection P301 + P310: IF SWALLOWED: Immediately call a poison centre or doctor P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P331: DO NOT induce vomiting P391: Collect spillage
Supplementary Precautionary Statements:	No additional data available.
2.3 OTHER HAZARDS	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

60 to 70% alpha thujene – CAS 2867-05-2, EC 220-686-7: Flam Liq. 3, H226; Skin Sens. 1, H317

6 to 12% alpha-Pinene – CAS 80-56-8, EC 201-291-9: Flam Liq. 3, H226; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410

1 to 7% delta-3-carene – CAS 13466-78-9; EC 236-719-3: Flam Liq 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412

4 to 10% Sabinene – CAS 3387-41-5; EC 222-212-4: Acute Tox. 4, H302

1 to 5% Limonene – CAS 5989-27-5 / 68606-81-5, EC 227-813-5: Flam Liq 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410

1 to 5% p-Cymene – CAS 99-87-6, EC 202-796-7: Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 (Lung, Oral)



SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove the individual to fresh air and keep at rest. Obtain medical advice immediately.
Ingestion	Rinse mouth with water. Obtain medical advice immediately.
Skin Contact	Remove contaminated clothes. Wash skin with large volumes of water. If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.
Eye Contact	Irrigate copiously with water for at least 10 minutes. Obtain medical advice if any irritation or evidence of tissue damage persists.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACUTE AND DELAYED.

No additional data available.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No additional data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Carbon dioxide, dry chemical, foam. Do not use a direct waterjet on burning material.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

No specific hazard known

5.3 ADVICE FOR FIRE FIGHTERS

Avoid inhalation of smoke and fumes. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Adequate protective gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment). Avoid skin contamination and inhalation of vapour. Individual washing routines should be followed after any potential contact. Ensure adequate ventilation in working areas following accidental releases.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge directly into drains, air, into soil or into the aquatic environment.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Any absorbent used for cleaning up spillage should be disposed promptly, according to local regulation. Gross spillages should be contained by any means, and disposal of this should be in accordance with Government Regulations.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid contact with skin and eyes. Wear adequate protective gloves protection and eye/face protection. No smoking. Avoid any sources of ignition. Avoid exposing to high temperature during processing. Do not ingest or apply to the skin as such. Good personal washing routines should be followed. Maintain adequate local and general ventilation where product is handled. Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition. Good personal washing routines should be followed.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not re-use the empty container. Respect general rules for compatibility storage.

7.3 SPECIFIC END USE(S)


No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	Avoid exposing to high temperature during processing. Maintain adequate local and general ventilation where product is handled and dispensed.
Respiratory Equipment	Where ventilation (LEV) is inadequate to prevent any inhalation of substances, use adequate respiratory apparatus.
Hand Protection	Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals. Preferred glove barrier materials: Neoprene and Nitrile. When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to EN 374) is recommended. Thickness > or = 0,2mm. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.
Eye Protection	Adequate safety glasses should be used.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available.
Skin Protection	Wear protective clothing, overall if necessary to limit the odour contamination of personal clothing. Individual washing routines should be followed after any potential contact.



Environmental Exposure Controls	No additional data available.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic
Specific Gravity @ 25°C	0.830 – 0.890
Refractive Index @ 20°C	1.440 – 1.485
Flash Point (°C)	43 °C - Pensky Martens Closed Cup method
Melting Point (°C)	No additional data available.
Boiling Point (°C)	133 to 137°C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.

9.2 OTHER INFORMATION

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

Good stability at standard temperature.

10.3 POSSIBLE HAZARD REACTIONS

No hazardous reactions known.

10.4 CONDITIONS TO AVOID

Avoid temperatures above or at least 5 °C below flash point for any flammable liquids. Do not heat closed containers. Avoid contact with oxidizing agents.

10.5 INCOMPATIBLE MATERIALS

Avoid contact with strong acids, alkali or oxidizing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.



SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	Oral: LD50 = >5000 mg/kg bw
Skin corrosion / irritation	Skin Irritation: Category 2 (irritant) based on GHS criteria
Serious eye damage/irritation	Non-irritant
Respiratory or skin sensitisation	Skin Sensitivity: adverse effect observed (sensitising). Skin Sensitiser (Cat. 1)
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other information:	No additional data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

No additional data available.

12.2 PERSISTENCE AND DEGRADABILITY

No additional data available.

12.3 BIOACCUMULATION POTENTIAL

No additional data available.

12.4 MOBILITY IN SOIL

No additional data available.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

No additional data available.

12.6 OTHER ADVERSE EFFECTS

No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

When being disposed of in its unused and uncontaminated state, product should be treated as a hazardous waste according to EC Directive 2008/98/EC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residual materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.



KERFOOT

Avril GROUP

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	UN1169
UN No. Sea	UN1169
UN No. Air	UN1169

14.2 UN PROPER SHIPPING NAME

EXTRACTS, AROMATIC, LIQUID

14.3 TRANSPORT HAZARD CLASS(ES)



Flammable liquid

14.4 PACKAGING GROUP

Packing Group III

14.5 ENVIRONMENTAL HAZARDS

Environmentally Hazardous Substance



14.6 SPECIAL PRECAUTIONS FOR USER

No additional data available.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENT 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).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

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

No additional information available.



SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	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. H410: Very toxic to aquatic life with long lasting effects. P262: Do not get in eyes, on skin, or on clothing P273: Avoid release to the environment P280: Wear protective gloves/clothing/eye-protection/face protection P301 + P310: IF SWALLOWED: Immediately call a poison centre or doctor P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P331: DO NOT induce vomiting P391: Collect spillage
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	1
Revision Date	24 th June 2019
Reason for Revision	New MSDS

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 themselves as to the suitability of such information for their own particular use.