



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING

1:1-Product Identifiers:					
Product name		Rosemary Oil Spanish (Camphor Type) WHC169			
Biological Definition		Rosmarinus Officinalis Leaf Oil is the essential oil obtained from the flowering tops and leaves of the Rosemary, Rosmarinus officinalis L., Lamiaceae			
INCI Name		Rosmarinus Officinalis Leaf Oil			
Synonyms & Trade Names		-			
Reach Registration Number		-			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	84604-14-8/ 8000-25-7	EC No.	283-291-9	EINECS No.	283-291-9

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	Fragrancing
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	The Soap Kitchen Unit 8 Caddsdawn Industrial Park, Clovelly Road, Bideford, Devon EX39 3DX Tel: 01237 420872 (+44 (0)1237 420872) Email: info@thesoapkitchen.co.uk

02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (EC 1272/2008)	The full text for all hazard statements are displayed in section 16 Flammable liquid, Category 3 (Flam. Liq. 3, H226). Skin sensitisation, Category 1 (Skin Sens. 1, H317). Specific target organ toxicity (single exposure), Category 2 (STOT SE 2, H371). Aspiration hazard, Category 1 (Asp. Tox. 1, H304). Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).



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	Hazardous to the aquatic environment - Chronic hazard, Category 1 (Aquatic Chronic 1, H410).
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	<div>GHS08</div> <div>GHS09</div> <div>GHS07</div> <div>GHS02</div>
2:3 - Other hazards	
Signal Word	Danger
Contains	EC 201-291-9 ALPHA-PINENE X PINENES (ALPHA OR BETA) EC 200-945-0 CAMPHOR L(XN68)=10% X 601-029-00-7 (R)-P-MENTHA-1,8-DIENE EC 284-638-7 CLOVE TERPENES
Hazard Statements	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H371 May cause damage to organs (if swallowed). H410 Very toxic to aquatic life with long lasting effects.
Precautionary Statements	P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Supplementary Precautionary Statements	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P403 + P235 Store in a well-ventilated place. Keep cool.
PBT or vPvB according to Annex XIII	The substance does not satisfy the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.
Adverse physio-chemical properties	The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European CHemical s Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table .
Adverse effects on human health	No additional data available



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03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	No additional data available
3:2 - Mixtures	
Mixtures	<div><div><38.0% 1,4-CINEOLE CAS: 470-67-7, EC: 207-428-9</div><div>Classification (EC 1272/2008) Warning Flam. Liq. 3, H226</div></div> <div><div><20.0% Alpha-Pinene X CAS: 80-56-8, EC: 201-291-9</div><div>Classification (EC 1272/2008) Dgr Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1</div></div> <div><div><14.0% HYDROCARBONS</div><div>Classification (EC 1272/2008) Danger Asp. Tox. 1, H304</div></div> <div><div>12.0% PINENES (ALPHA OR BETA)</div><div>Classification (EC 1272/2008) Dgr Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1</div></div> <div><div><11.0% CAMPHOR CAS: 76-22-2, EC: 200-945-0</div><div>Classification (EC 1272/2008) –</div></div> <div><div><7.0% (R)-P-MENTHA-1,8-DIENE CAS: 5989-27-5, EC: 227-813-5</div><div>Classification (EC 1272/2008) Warning, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1</div></div> <div><div><4.0% CAMPHENE CAS: 79-92-5, EC: 201-234-8</div><div>Classification (EC 1272/2008) Danger, Flam. Sol. 2, H228, Eye Irrit. 2, H319, Aquatic Acute 1, H400, M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1</div></div> <div><div><2.0% Clove Terpenes CAS: 68917-29-3, EC: 284-638-7</div></div>



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Classification (EC 1272/2008) Danger, Asp. Tox. 1, H304

<1.5% BORNEOL CAS: 507-70-0, EC: 208-080-0

Classification (EC 1272/2008) Danger, Flam. Sol. 2, H228

<1.0% BORNEOL ACETATE CAS: 76-49-3, EC: 200-964-4

Classification (EC 1272/2008) Warning, Flam. Liq. 3, H226

<1.0% TERPINEOL CAS: 8000-41-7, EC: 232-268-1

Classification (EC 1272/2008) Warning, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Eye Irrit. 2, H319

<0.8% PARA-CYMENE CAS: 99-87-6, EC: 202-796-7

Classification (EC 1272/2008) Danger, Flam. Liq. 3, H226, Asp. Tox. 1, H304, Aquatic Chronic 2, H411

<0.7% BETA-CARYOPHYLLENE CAS: 87-44-5, EC: 201-746-1

Classification (EC 1272/2008) Danger, Asp. Tox. 1, H304

<0.6% G-TERPINENE CAS: 99-85-4, EC: 202-794-6

Classification (EC 1272/2008) Danger, Flam. Liq. 3, H226, Asp. Tox. 1, H304

<0.45% ALPHA-TERPINEOL CAS: 98-55-5, EC: 202-680-6

Classification (EC 1272/2008) Warning, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Eye Irrit. 2, H319

<0.2% LINALOOL CAS: 78-70-6, EC: 201-134-4

Classification (EC 1272/2008) Warning, Skin Irrit. 2, H315

<0.2% MYRCENE CAS: 123-35-3, EC: 204-622-5

Classification (EC 1272/2008) Danger, Flam. Liq. 3, H226, Asp. Tox. 1, H304, Aquatic Chronic 3, H412



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04. FIRST AID MEASURES

4:1 – Description of first aid measures	
Inhalation	Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.
Ingestion	Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label. If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.
Skin Contact	Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
4:2 – Most important symptoms and effects, both acute and delayed	
Symptoms and effects	No additional data available
4:3 – Indication of any immediate medical attention and special treatment needed	
Special requirements	No additional data available

05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media	
Suitable extinguishing Media	Foam, Carbon dioxide or dry powder.
Unsuitable extinguishing Media-DO NOT USE	Water



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5:2 - Special Hazards arising from substance or mixture

Specific hazards

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
In the event of a fire, the following may be formed :
- carbon monoxide (CO)
- carbon dioxide (CO₂)

5:3 – Advice for firefighters

Special firefighting procedures/ protective actions.

Keep packages near the fire cool, to prevent pressurised containers from bursting. Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus. Prevent the effluent of fire-fighting measures from entering drains or waterways.

06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.

Personal precautions

Consult the safety measures listed under headings 7 and 8.

For non-first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6:2 - Environmental Precautions

Environmental Precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.
If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures
Use drums to dispose of collected waste in compliance with current regulations (see section 13)

6:3 – Methods and materials for containment and cleaning up

Spill Clean Up Methods

Clean preferably with a detergent, do not use solvents.

6:4 – Reference to other sections

Reference to other sections

Section 8 – Exposure controls/ personal protection for further information on personal precautions,
Section 13 – Disposal considerations for further information on waste treatment.



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07. HANDLING AND STORAGE

7:1 – Precautions for safe handling

Usage precautions

Always wash hands after handling.
Remove and wash contaminated clothing before re-using.
Remove contaminated clothing and protective equipment before entering eating areas.

Fire prevention :
Handle in well-ventilated areas.
Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.
Never inhale this mixture.
Prevent the accumulation of electrostatic charges with connections to earth.
The mixture can become electrostatically charged: always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.
Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorised personnel.

Recommended equipment and procedures :
For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Avoid exposure - obtain special instructions before use.

Prohibited equipment and procedures :
No smoking, eating or drinking in areas where the mixture is used.
Never open the packages under pressure

7:2 – Conditions for safe Storage including any incompatibilities

Storage Precautions




Keep the container tightly closed in a dry, well-ventilated place.
Keep away from food and drink, including those for animals.
Keep away from all sources of ignition - do not smoke.
Keep well away from all sources of ignition, heat and direct sunlight.
Avoid accumulation of electrostatic charges.



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Suitable Packaging	Always keep in packaging made of an identical material to the original.
7:3 – Specific end use (s)	
End Uses	No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8:1 – Control parameters						
Components with workplace control parameters	- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :					
	CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
	80-56-8	20ppm	-	-	-	-
	76-22-2	2ppm	3 ppm	-	-	-
	- France (INRS - ED984 :2008) :					
	CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	
	76-22-2	2	12	-	-	
	Notes :	TMP No :				
	-	-				
	- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :					
CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :	
76-22-2	2 ppm	3 ppm	-	-	-	
8:2 – Exposure controls						
Protective Equipment	  					



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Process conditions	Provide eyewash station
Engineering Measures	Provide adequate ventilation
Respiratory Equipment	For high concentrations use respiratory equipment.
Hand Protection	<p>Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.</p> <p>Gloves must be selected according to the application and duration of use at the workstation.</p> <p>Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.</p> <p>Recommended properties :</p> <ul style="list-style-type: none">- Impervious gloves in accordance with standard EN374
Eye Protection	<p>Avoid contact with eyes.</p> <p>Use eye protectors designed to protect against liquid splashes.</p> <p>Before handling, wear safety goggles in accordance with standard EN166.</p>
Other Protection	<p>Use personal protective equipment that is clean and has been properly maintained.</p> <p>Store personal protective equipment in a clean place, away from the work area.</p>
Hygiene Measures	<p>Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.</p>
Personal protection	<p>Use personal protection according to Directive 89/686/EEC.</p>
Skin protection	<p>Avoid skin contact.</p> <p>Wear suitable protective clothing.</p> <p>Suitable type of protective clothing :</p> <p>In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.</p> <p>In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.</p> <p>Work clothing worn by personnel shall be laundered regularly.</p> <p>After contact with the product, all parts of the body that have been soiled must be washed.</p>
Environmental exposure controls	<p>Avoid discharging into drainage water. Only eliminate by authorised companies.</p>



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09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.

Appearance	Fluid liquid
Colour	Colourless to Pale yellow
Odour	Characteristic, cineol, more or less camphor
Relative Density	0.895 - 0.905 @ 20°C
Flash Point (°C)	23°C ≤ PE ≤ 55°C
Refractive Index	1.465 - 1.467 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
9:2 - Other information	
Other Information	No additional data available.

10. STABILITY AND REACTIVITY

10:1- Reactivity

Reactivity	No additional data available.
10:2 - Chemical stability	
Stability	Chemically stable under the recommended handling and storage conditions in section 7
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No additional data available.
10:4 - Conditions to avoid	
Conditions to Avoid	Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises. Avoid : <ul style="list-style-type: none">- accumulation of electrostatic charges.- heating- heat



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	<ul style="list-style-type: none">- flames and hot surfaces- humidity
10:5 – Incompatible materials	
Incompatible materials	Keep away from water.
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	The thermal decomposition may release/form : <ul style="list-style-type: none">- carbon monoxide (CO)- carbon dioxide (CO₂)

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects	
Acute Toxicity	No toxicological data available for the substances.
Skin corrosion / irritation	May cause an allergic reaction by skin contact. May cause damage to organs.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
Photo-toxicity	No additional data available.



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Other Information	Monograph(s) from the IARC (International Agency for Research on Cancer) : CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
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12. ECOLOGICAL INFORMATION

12:1- Toxicity	
Ecotoxicity	Very toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways. No aquatic toxicity data available for the mixture
12:2 - Persistence & degradability	
Persistence & degradability	No additional data available
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No additional data available
12:4 – Mobility in soil	
Mobility	No additional data available
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	No additional data available
12:6 Other adverse effects	
Precautions	No additional data available

13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods	
Disposal Methods	Do not pour into drains or waterways. Waste : Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.



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Soiled packaging :
Empty container completely. Keep label(s) on container.
Give to a certified disposal

14. TRANSPORT INFORMATION

Warning Icon	
14:1 – UN Number	
UN No Road – ADR/RID/ADN	1169
UN No Sea- IMDG	1169
UN No Air –IATA	1169
14:2 – UN proper shipping name	
Road – ADR/RID/ADN	UN1169=EXTRACTS, AROMATIC, LIQUID
Sea- IMDG	UN1169=EXTRACTS, AROMATIC, LIQUID
Air - IATA	UN1169=EXTRACTS, AROMATIC, LIQUID
14:3 – Transport Hazard class (es)	
Road – ADR/RID/ADN	Class 3
Sea- IMDG	Class 3
Air-IATA	Class/ Division 3
14:4 - Packaging group	
Road – ADR/RID/ADN	III



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Sea- IMDG	III
Air - IATA	III
14:5 – Environmental hazard	
Environmentally hazardous substance/ marine pollutant.	Environmentally Hazardous Substance/Marine Pollutant 
14:6 - Special precautions for user	
Precautions	EMS F-E,S-D Emergency Action Code F1 Hazard No. (ADR) 90 Environmentally hazardous substance Tunnel Restriction Code (D/E)
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	No additional data available

15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
EU Directives	Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations



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Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
15:2 Chemical Safety assessment	
Assessment information	A chemical assessment for this product has not been carried out.

16. OTHER INFORMATION

Revision Date	27.06.2016
Rev No/Repl, SDS Generated	2
Change Description	Updated to comply with new MSDS format
Changes made by	K Tatton
Review Date	27.06.2018
Risk Phrases in Full	None
Hazard Statements in Full	H226 Flammable liquid and vapour. H228 Flammable solid. 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. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Other Information	None



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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.

EC Feed Hygiene Registration No: GB/703/E3008