SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name:	ROSEMARY OIL
CAS number:	8000-25-7
EC (EINECS) no:	283-291-9
Chemical Name:	Definition: the essential oil obtained by steam distillation from the flowering tops and leaves of the Rosemary, Rosmarinus officials L, Lamiaceae.
Trade names:	INCI: Rosmarinus officinalis Leaf Oil.
Company name:	Soap Supplier LTD
Company address:	Westcroft, Ferryboat Lane Old Denaby, Doncaster South Yorkshire, DN12 4LB
Telephone number:	01709 594995

2. HAZARDS IDENTIFICATION

Classification (1999/45) Xn; R68/22, R65. R43. N; R50/53. R10

Classification (EC 1272/2008)

Physical and chemical hazards: Flam Liq 3-H226
Human Health: Skin Sens.1-H317; STOT Single 3-H371; Asp Tox 1-H304
Environmental: Aquatic Acute 1-H400; Aquatic Chronic 1-H410

Label in accordance with (EC) No. 1272.2008

Signal Word	Danger
Contains	Alpha Pinene Beta Pinene Camphor Limonene
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. H410, very toxic to aquatic life with long lasting effects.

Precautionary Statements

P273, avoid release to the environment.
P280, wear protective gloves/protective eye protection/face protection.

Supplementary Precautionary Statements

P210, keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233, keep container tightly closed.
P240, ground/bond container and receiving equipment.
P241, use explosion-proof electrical/ventilating/lighting equipment.
P242, use only non-sparking tools.
P243, take precautionary measures against static discharge.
P260, do not breathe dust/fume/gas/mist/vapours/spray.
P261, avoid breathing dust/fume/gas/mist/vapours/spray.
P264, wash 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.
P301-+310 IF SWALLOWED immediately call a POISON CENTRE or doctor.

P302+352, IF ON SKIN: wash with plenty of soap and water.
P303+361+353, IF ON SKIN (or hair) remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P309+311, IF exposed or if you feel unwell; call a POISON CENTRE or doctor.
P321, specific treatment
P331, DO NOT induce vomiting.
P333+313, if skin irritation or rash occurs get medical advice.
P363, wash contaminated clothing before reuse.
P370+378, in case of fier: use...for extinction.
P391, collect spillage.
P403+235, store in a well ventilated place. Keep cool.
P405, keep locked up.
P501, dispose of contents/container to...

3. COMPOSITION/INFORMATION ON INGREDIENTS

Alpha Pinene 10-30%

CAS-No: 80-56-8 Ec no: 201-291-9

Classification (EC 1272/2008)	Classification (67/548)
Flam Liq 3-H226	Xn; R65
Skin Sens 1-H317	N; R50/53
Asp. Tox 1-H304	R43,R10
Aquatic Acute 1-H400	
Aquatic Chronic 1-H410	

Alpha Terpineol 1-5%

CAS-No:98-55-5 Ec no: 202-680-6

Classification (EC 1272/2008)	Classification (67/548)
Skin Irrit.2-H315	Xi; R38

Beta Pinene 1-5%

CAS-No: 127-91-3 Ec no: 204-872-5

Classification (EC 1272/2008)	Classification (67/548)
Flam Liq 3-H226	Xn; R65
Skin Sens 1-H317	N; R50/53
Asp Tox 1-H304	R43, R10
Aquatic Acute 1-H400	
Aquatic Chronic 1-H410	

Camphene 5-10%

CAS-No: 79-92-5 Ec no: 201-234-8

Classification (EC 1272/2008)	Classification (67/548)
Flam Liq 2-H225	Xi; R36
Eye Irrit 2-H319	F; R11
Aquatic Acute 1-H400	N; R50/53
Aquatic Chronic 1-H410	

Camphor 10-30%

CAS-No: 76-22-2 Ec no: 200-945-0

Classification (EC 1272/2008)	Classification (67/548)
Flam Liq 2-H225	Xn; R20,R35/22.
Acute Tox 4-H332	F; R11
STOT Single 2-H371	

Caryophyllene 1-5%

CAS-No: 87-44-5 Ec no: 201-746-1

Classification (EC 1272/2008)	Classification (67/548)
Asp Tox 1-H304	Xn; R65

Limonene 30-60%

CAS No: 138-86-3 Ec no: 205-341-0

Classification (EC 1272/2008)	Classification (67/548)
Flam. Liq 3-H226	Xn; R65

Skin Irrit. 2-H315	Xi; R38
Skins Sens. 1-H317	N; R50/53
Asp. Tox. 1-H304	R10, R43
Aquatic Acute 1-H400	
Aquatic Chronic 1-H410	

Linalool 1-5%
CAS-No: 78-70-6 Ec no: 201-134-4

Classification (EC 1272/2008)	Classification (67/548)
Skin irrit 2-H315	Xi;R38

EC No: 283-291-9
CAS No: 8000-25-7

4. FIRST AID MEASURE

GENERAL INFORMATION
Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

NOTES TO PHYSICIAN
No specific first aid measures noted.

INHALATION
Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if discomfort continues.

INGESTION
If necessary, rinse the mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT
If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if discomfort continues.

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 if any discomfort continues.

5. FIRE FIGHTING EXTINGUISING MEASURES

EXTINGUISHING MEDIA
Fire can be extinguished using foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES.
Containers close to fire should be removed or cooled with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS.
No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS
When heated and in case of fire, toxic vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfacs.

ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS
Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7. HANDLING & STORAGE MEASURES

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, spark and open flame. Protect from freezing and direct sun light.

STORAGE CLASS
Unspecified storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name STD TWA-8 Hrs STEL -15min Notes CAMPHOR WELL 2ppm 13mg/m3 3ppm 19mg/m3

WEL=Workplace Exposure Limit

PROTECTIVE EQUIPMENT:

ENGINEERING MEASURES
Provide adequate ventilation.

RESPIRATORY EQUIPMENT
No specific recommendation made.

HAND PROTECTION
Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION
If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES
No specific hygiene procedures noted, but good personal hygiene practices are always advisable.

SKIN PROTECTION
Wear apron or appropriate clothing in case of splashes.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic
Relative density	0.894-0.915 @ 20 °C
Flash point (°C)	40

Refractive index 1.462-1.476 @ 20 °C

10. STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.
CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition.
HAZARDOUS POLYMERISATION
Will not polymerise.
MATERIALS TO AVOID
Strong oxidising substances. Strong acids. Strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS
In case of fire, toxic gases (CO, CO2, Nox) may be formed.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION
See section 2
GENERAL INFORMATION
No specific health warnings noted.
INHALATION
In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
INGESTION
No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.
SKIN CONTACT
No specific health warnings noted.
EYE CONTACT
Spray and vapour in the eyes may cause irritation and smarting.
HEALTH WARNINGS
No specific health warnings noted.
MEDICAL SYMPTOMS
No specific symptoms noted, but this chemical may still have adverse heatlh impact, either in general or on certain individuals.
MEDICAL CONSIDERATIONS
Persons with rash are directed to skin expert for examination of allergic eczema.

12. ECOLOGICAL INFORMATION

ECOTOXICITY
Refer to section 2

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste is suitable for incineration.
DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME EXTRACTS, AROMATIC, LIQUID
UN NO ROAD 1169 ADR CLASS NO
3

ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III
TUNNEL RESTRCTION CODE	(D/E)
HAZARD NO (ADR)	30
ADR LABEL NO	3
HAZCHEM CODE	3YE
UN NO SEA	1169
IMDG CLASS	3
IMDG PACK GR	III
EMC	F-E, S-D
UN NO AIR	1169
AIR CLASS	3
AIR PACK GR	III

15. REGULATORY INFORMATION

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation 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 Commision Directives 91/155/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I2009 No 716)

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace exposure Limits EH40.

16. OTHER INFORMATION

GENERAL INFORMATION

Shelf life 36 months.

RISK PHRASES IN FULL

R10 Flammable

R22 Harmful if swallowed

R38 Irritating to skin

R40 Limited evidence of carcinogenic effect.

R43 May cause sensitisation by skin contact

R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R65 Harmful, may cause lung damage if swallowed.

R68 Possible risk of irreversible effects.

HAZARD STATEMENTS IN FULL

H266 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enteres airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

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.

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.