



MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name	Fir Needle Oil (Sibirica) WHC1282				
Biological Definition	Abies Sibirica Oil is the volatile oil distilled from the needles and branches of <i>Abies sibirica</i> , <i>Pinaceae</i>				
INCI Name	Abies Sibirica Oil				
Synonyms & Trade Names	-				
Reach Registration Number	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	91697-89-1	EC No.	294-351-9	EINECS No.	294-351-9





1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	No additional data available
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	
The Full Text for all Hazard Statements are Displayed in Section 16.	
Classification (EC 1272/2008)	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aqu. Chron. 1 (H410)
2.2 – Label Elements	



MATERIAL SAFETY DATA SHEET

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	Delta-3-Carene, alpha-Pinene, beta-Pinene, Limonene, Camphene.
Hazard Statements	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects.
Precautionary Statements	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P280 Wear protective gloves/protective clothing and eye/face protection. P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P310 Immediately call a POISON CENTER or doctor/physician. P273 Avoid release to the environment. P501 Dispose of contents/container to regional, national regulation.
Supplementary Precautionary Statements	None
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

03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	No additional data available
3:2 - Mixtures	
Mixtures	<div>18-30% Limonene CAS-No.: 5989-27-5 EC No.: 227-813-5</div>



MATERIAL SAFETY DATA SHEET

	Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit 2 – H315 Asp Tox. 1 – H304, Skin Sens. 1 – H317 Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410
	15-25% Camphene CAS-No 79-92-5, EC 201-234-8 Classification (EC 1272/2008); Flam. Sol. 1 – H228, Eye Irrit 2 – H319, Aquatic Acute 1 – H400
	15-25% alpha-Pinene CAS-No.: 80-56-8 EC No.: 201-291-9 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304
	2-6% beta-Pinene Cas. No: 127-91-3 EC No: 204-872-5 Classification (EC 1272/2008); Danger, Flam. Liq. 3 – H226, Skin Sens. 1 – H317 , Asp Tox. 1 – H304, Aquatic Chronic 1 – H410
	1-5% delta-3-Carene CAS-No.: 13466-78-9 EC No.: 236-719-3 Classification (EC 1272/2008) Danger Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Sens. 1, H317

04. FIRST AID MEASURES

4:1 – Description of first aid measures	
Inhalation	Do not leave affected person unattended, Remove victim out of the danger area. Provide fresh air.
Ingestion	If swallowed rinse mouth. Do NOT induce vomiting.
Skin Contact	After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing immediately.
Eye Contact	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
4:2 – Most important symptoms and effects, both acute and delayed	
Symptoms and effects	Observe risk of aspiration if vomiting occurs.



MATERIAL SAFETY DATA SHEET

4:3 – Indication of any immediate medical attention and special treatment needed

Special requirements

Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media

Suitable extinguishing Media

Foam, Carbon dioxide or dry powder.

Unsuitable extinguishing Media-DO NOT USE

Full water jet.

5:2 - Special Hazards arising from substance or mixture

Specific hazards

B (Fires of liquids or liquid turning substances).
In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated
Burning produces heavy smoke.

5:3 – Advice for firefighters

Special firefighting procedures/ protective actions.

Move undamaged containers from immediate hazard area if it can be done safely.
Use suitable breathing apparatus.
Regard to self protection

06. ACCIDENTAL RELEASE MEASURES

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

Personal precautions

Wear personal protection equipment.
Avoid contact with skin, eye and clothing.
Remove all sources of ignition.
Provide adequate ventilation.
Give a warning to persons in the hazard area

6:2 - Environmental Precautions

Environmental Precautions

Do not allow to enter into surface water or drains.
Cover drains.
Prevent spread over a wide area (e.g. by containment or oil barriers).

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






MATERIAL SAFETY DATA SHEET

Spill Clean Up Methods	Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
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.

07. HANDLING AND STORAGE

7:1 – Precautions for safe handling	
Usage precautions	Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges. Wear personal protective clothing (see chapter 8). Do not breathe gas/fume/vapour/spray. Use only in well-ventilated areas. When using do not eat, drink, smoke, sniff.
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	Keep container tightly closed.
Suitable Packaging	No additional data available
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	No additional data available
8:2 – Exposure controls	
Protective Equipment	  



MATERIAL SAFETY DATA SHEET

Process conditions	Technical measures and the application of suitable work processes have priority over personal protection equipment.
Engineering Measures	No additional data available.
Respiratory Equipment	If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Hand Protection	Use solvent and acid resistant protection gloves according to EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Take recovery periods for skin regeneration.
Eye Protection	Use protection goggles according to EN166.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal protection	Use personal protection according to Directive 89/686/EEC.
Skin protection	Protective work clothing solvent resistant (should be checked regularly).
Environmental exposure controls	Avoid discharging into drainage water. Only remove via authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.	
Appearance	Liquid
Colour	Colourless to slightly yellow.
Odour	Characteristic.
Relative Density	0.875 - 0.898 @ 20°C
Flash Point (°C)	42°C
Refractive Index	1.460 - 1.480 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.



MATERIAL SAFETY DATA SHEET

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 dangerous reactions known
10:2 - Chemical stability	
Stability	Product is stable at room temperature
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No dangerous reactions expected if used according to specifications.
10:4 - Conditions to avoid	
Conditions to Avoid	Temperatures more than room temperature will benefit the transfer from liquid to vapour phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.
10:5 – Incompatible materials	
Incompatible materials	No additional data available.
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	No dangerous decomposition products known.

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects	
Acute Toxicity	Acute toxicity LD50 (oral) in mg/kg: > 5000 LD50 (dermal) in mg/kg: > 5000



MATERIAL SAFETY DATA SHEET

Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
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.

12. ECOLOGICAL INFORMATION

12:1- Toxicity	
Ecotoxicity	No additional data available.
12:2 - Persistence & degradability	
Persistence & degradability	No additional data available.
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No additional data available.



MATERIAL SAFETY DATA SHEET

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	Hazardous waste according to waste regulation Dispose according to legislation. Delivery to an approved waste disposal company. Non-contaminated packages may be recycled.
------------------	---

14. TRANSPORT INFORMATION

Warning Icon



EAC -3Y
HIN - 30

14:1 – UN Number

UN No Road – ADR/RID/ADN	1272
-----------------------------	------

UN No Sea- IMDG	1272
-----------------	------


UN No Air – IATA	1272
------------------	------

14:2 – UN proper shipping name

Road – ADR/RID/ADN	PINE OIL
--------------------	----------



MATERIAL SAFETY DATA SHEET

Sea- IMDG	PINE OIL
Air - IATA	PINE OIL
14:3 – Transport Hazard class (es)	
Road – ADR/RID/ADN	3
Sea- IMDG	3
Air- IATA	3
14:4 - Packaging group	
Road – ADR/RID/ADN	III
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	See sections 6-8
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	Packed and transferred according to transport regulations



MATERIAL SAFETY DATA SHEET

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
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	17.03.2017
Rev No/Repl, SDS Generated	1
Change Description	New MSDS to start at version 1
Changes made by	K Tatton
Review Date	17.03.2019
Risk Phrases in Full	None



MATERIAL SAFETY DATA SHEET

Hazard Statements in Full	H226 Flammable liquid and vapour. H228 Flammable soild. 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. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.
Other Information	None

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