



SAFETY DATA SHEET

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

Product Name	Peppermint oil arvensis				
Biological Definition	Prepared by steam distillation of <i>Mentha arvensis</i> L. followed by partial dementholisation in order to produce a stable non-crystallising oil.				
INCI Name	Mentha arvensis leaf oil				
Synonyms & Trade Names	Mentha arvensis oil dementholated, Peppermint oil Chinese dementholated, Cornmint oil dementholated				
Supplier	Just a Soap, Unit 10 Bunting Road Unit 10 Bunting Road Bury St Edmunds IP32 7BX T: 01284 848730				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	4219	FDA No.	---	CoE No.	---
CAS-No	68917-18-0	EC No.	290-058-5	EINECS No.	290-058-5

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xn+N; R22-38-43-51/53, S24-37-61		
Classification (EC 1272/2008)	UN-GHS: FL 4, ATO 4(1200), SCI 2, EDI 2A, SS 1, EH A2,C2 EU-CLP: ATO 4, SCI 2, EDI 2, SS 1, EH A2,C2		
Label in accordance with (EC) No 1272/2008	  GHS07 GHS09		
Signal Word	Warning		
Contains	Menthols, menthones, limonene, menthyl acetate, pinenes, pulegones		
Hazard Statements	H302 Harmful if swallowed H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411. Toxic to aquatic life with long-lasting effects		
Precautionary Statements	P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection. P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P273 Avoid release to the environment		
Supplementary Precautionary Statements	P391 Collect spillage		
PBT or vPvB according to Annex XIII	No		
Adverse physio-chemical properties	Combustible but will not self-ignite.		
Adverse effects on human health	May cause an allergic skin reaction		

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03. COMPOSITION/INFORMATION ON INGREDIENTS

50% Menthols UN-GHS: ATO 5(2600); SCI 2; EDI 2A; EH A3 [L-menthol content >30%; Total menthols > 50%]
30% Menthones UN-GHS: ATO 5(2500); SCI 3;EH A3,C3
5% Limonene UN-GHS: SCI 2; SS 1; EH A1,C1
4% Menthyl acetate UN-GHS: SCI 3; EH A2,C2
3% Pinenes UN-GHS: ATO 5(3700), SCI 2, SS1
2% Pulegones UN-GHS: ATO 4(470); ATD 5(3100); SCI 3

04. FIRST AID MEASURES

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

05. FIRE-FIGHTING MEASURES

Extinguishing Media	Use CO ₂ , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours.
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray

06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.



07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
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Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
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08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	  Goggles Gloves
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapour.
Hand Protection	.Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Minty fresh
Relative Density	0.888 to 0.904 @ 20°C
Flash Point (°C)	65 to 74 c/c
Refractive Index	1.450 to 1.471 @ 20°C
Melting Point (°C)	Not given
Boiling Point (°C)	209 @ 760 mm Hg
Vapour Pressure	Not given
Solubility in Water @20°C	Not determined
Auto-ignition temperature (°C)	Not determined

10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

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11. TOXOLOGICAL INFORMATION

Acute Toxicity	Acute Oral toxicity: orl-rat LD50: 1.24g/kg Opdyke DLJ (1975) <i>FCT</i> 13, 771 Special Issue II - Binder p258. Dermal toxicity skn-rbt LD50: >5000 mg/kg Acute Toxicity Hazard Category 4 under EC 1272/2008 guidelines
Skin corrosion / irritation	Hazard Category 2 under EC 1272/2008 guidelines
Serious eye damage / irritation	Not classified but potential exists. Wash eye repeatedly with water if splashed and obtain medical attention if irritation persists.
Respiratory or skin sensitisation	Hazard Category 1 under EC 1272/2008 guidelines
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not photo-toxic
STOT-single exposure	Data not found
STOT-repeated exposure	Data not found
Aspiration hazard	Not listed as causing aspiration hazards
Photo-toxicity	Not photo-toxic
Other Information	None

12. ECOLOGICAL INFORMATION


Ecotoxicity	Hazardous to the aquatic environment — long-term hazard, Category Chronic 2 following EC1272/2008 guidelines.
Mobility	Data not found
Persistence & Biodegradability	Data not found
Bioaccumulation Potential	Data not found
PBT Assessment Results	Data not found
Precautions	Avoid discharge to the environment especially into waterways, sewers and the sea.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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14. TRANSPORT INFORMATION

Warning Icon	
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.
UN No. Road	UN 3082
ADR Class	Class 9
Hazard No (ADR)	90: Environmentally hazardous substance; miscellaneous dangerous substances.
Hazchem Code	•3Z
UN No. SEA	UN 3082
IMDG Class	Class 9
IMDG Pack Gr.	Pk Gp III
EMS	F-A, S-F
UN No. AIR	UN 3082
Air Class	Class 9
Air Pack Gr.	Pk Gp III

15. REGULATORY INFORMATION

EU Directives	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) No 1488/94 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.

16. OTHER INFORMATION

Revision Date	10/07/2015
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Rev No/Repl, SDS Generated	4
Risk Phrases in Full	R22 Harmful if swallowed R38 Irritating to skin R43 May cause sensitisation by skin contact R51/53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
Hazard Statements in Full	H302 Harmful if swallowed H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411. Toxic to aquatic life with long-lasting effects
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

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.