






## MATERIAL SAFETY DATA SHEET

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

Product Name	Organic Lemongrass Oil				WHC371
Biological Definition	Cymbopogon Flexuosus Oil Is The Volatile Oil Obtained Form The Dried Lemon Grass, Cymbopogon Flexuosus, Poaceae.				
INCI Name	Cymbopogon Flexuosus Oil				
Synonyms & Trade Names	-				
Supplier	The Soap Kitchen Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford, Devon EX39 3DX Tel: 01237 420872 (+44 (0)1237 420872) Email: it@thesoapkitchen.co.uk				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	91844-92-7	EC No.	295-161-9	EINECS No.	295-161-9

### 02. HAZARDS IDENTIFICATION

Classification (1999/45)	No Additional Data Available.		
Classification (EC 1272/2008)	Physical And Chemical Hazards: Not Classified. Human Health Asp: Skin Irrit. 2 - H315; Eye Dam. 1 - H318;Skin Sens. 1 - H317 Environment: Aquatic Chronic 2 - H411		
Label in accordance with (EC) No 1272/2008			
	GHS05	GHS07	GHS09
Signal Word	DANGER.		
Contains	Citral, Geraniol		
Hazard Statements	H315 Causes Skin Irritation. H317 May Cause An Allergic Skin Reaction. H318 Causes Serious Eye Damage. H411 Toxic To Aquatic Life With Long Lasting Effects.		
Precautionary Statements	P272 Contaminated Work Clothing Should Not Be Allowed Out Of The Workplace. P273 Avoid Release To The Environment. P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection. P261 Avoid Breathing Vapour/Spray. P264 Wash Contaminated Skin Thoroughly After Handling. P305+351+338 If In Eyes: Rinse Cautiously With Water For Several Minutes. Remove Contact Lenses, If Present And Easy To Do. Continue Rinsing.		

# MATERIAL SAFETY DATA SHEET

Supplementary Precautionary Statements	P302+352 If On Skin: Wash With Plenty Of Soap And Water. P310 Immediately Call A Poison Center Or Doctor/Physician. P332+313 If Skin Irritation Occurs: Get Medical Advice/Attention. P333+313 If Skin Irritation Or Rash Occurs: Get Medical Advice/Attention. P362 Take Off Contaminated Clothing And Wash Before Reuse. P363 Wash Contaminated Clothing Before Reuse. P391 Collect Spillage. P321 Specific Treatment (See Medical Advice On This Label). P501 Dispose Of Contents/Container To ...
PBT or vPvB according to Annex XIII	No Data
Adverse physio-chemical properties	No Data
Adverse effects on human health	No Data

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>CITRAL</b> CAS-NO.: 5392-40-5 EC NO.: 226-394-6 Classification (Ec 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	<b>70.0 – 78.0%</b>
<b>GERANIOL</b> CAS-NO.: 106-24-1 EC NO.: 203-377-1 Classification (Ec 1272/2008) Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1 - H317	<b>4.0 – 6.0%</b>
<b>LIMONENE</b> CAS-NO.: 5989-27-5 EC NO.: 227-813-5 Classification (Ec 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304 Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	<b>1.0 – 2.5%</b>

## 04. FIRST AID MEASURES

General Information	Always Remove Contaminated Clothing Immediately.
Inhalation	Get Medical Attention Immediately. Remove From Exposure Site To Fresh Air, Keep At Rest, And Obtain Medical Attention.
Ingestion	Get Medical Attention Immediately. Rinse Mouth With Water And Obtain Medical Attention.
Skin Contact	Remove Contaminated Clothes. Wash Thoroughly With Soap And Water. Contact Physician If Irritation Persists.
Eye Contact	Flush Immediately With Water For At Least 15 Minutes. Contact Physician If Symptoms Persist.

## 05. FIRE-FIGHTING MEASURES

Extinguishing Media	Foam, Co2, Dry Chemical Powder.
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## MATERIAL SAFETY DATA SHEET

Special Fire Fighting Procedures	Special Protective Equipment For Fire-Fighters: Wear Positive-Pressure Self-Contained Breathing Apparatus (SCBA) And Appropriate Protective Clothing.
Specific Hazards	Burning Produces Irritating, Toxic And Obnoxious Fumes
Protective Measures in Fire	No additional data



### **06. ACCIDENTAL RELEASE MEASURES**

Personal Precautions	Ensure Adequate Ventilation Of The Working Area, Evacuate Personnel To Safe Area, Wear Suitable Protective Equipment. No Smoking, Sparks, Flames Or Other Sources Of Ignition Near Spillage. Avoid Contact With Skin, Eyes And Clothing.
Environmental Precautions	Do Not Discharge Into Drains, Water Courses Or Onto The Ground. Dispose Of In Line With Local Authority Guidelines.
Spill Clean Up Methods	Remove Ignition Sources. Provide Adequate Ventilation. Avoid Excessive Inhalation Of Vapours. Contain Spillage Immediately By Use Of Sand Or Inert Powder. Dispose Of According To Local Regulations.

### **07. HANDLING AND STORAGE**

Usage Precautions	Handle In Accordance With Good Hygiene And Safety Practice. Keep Away From Heat, Sparks, Open Flames And Hot Surfaces. - No Smoking. Use Personal Protective Equipment As Required. Use In Accordance With Good Manufacturing And Industrial Hygiene Practices. Use In Areas With Adequate Ventilation Do Not Eat, Drink Or Smoke When Using This Product.
Storage Precautions	Keep The Product Container Tightly Closed, In A Dry, Ventilated Area. Keep Away From Potential Sources Of Ignition And Protected From Light. Maintain Limited Contact With Oxygen.

### **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Protective Equipment	 
Engineering Measures	None.
Respiratory Equipment	Under Normal Conditions Of Use And Where Adequate Ventilation Is Available To Prevent Build Up Of Excessive Vapour, This Material Should Not Require Special Engineering Controls. However, In Conditions Of High Or Prolonged Use, Or High Temperature Or Other Conditions Which Increase Exposure, The Following Engineering Controls Can Be Used To Minimise Exposure To Personnel: A) Increase Ventilation Of The Area With Local Exhaust Ventilation. B) Personnel Can Use An Approved, Appropriately Fitted Respirator With Organic Vapour Cartridge Or Canisters And Particulate Filters. C) Use Closed Systems For Transferring And Processing This Material. Also Refer To Sections 2 And 7.

## MATERIAL SAFETY DATA SHEET

Hand Protection	Wear Protective Gloves/Eye Protection/Face Protection.
Eye Protection	Wear Protective Gloves/Eye Protection/Face Protection.
Other Protection	Wear Suitable Protection To Avoid Contact With Skin And Eyes. Do Not Inhale Vapours.
Hygiene Measures	Good Personal Hygiene Practices Are Always Advisable, Especially When Working With Chemicals / Oils.

### **09. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid
Colour	Yellow – Orange
Odour	Sweet, Lemon Like
Relative Density	0.869 – 0.910 @ 20°C
Flash Point (°C)	71.0 - 85.0 °C
Refractive Index	1.460 - 1.490 @ 20°C
Melting Point (°C)	No additional data
Boiling Point (°C)	No additional data
Vapour Pressure	No additional data
Solubility in Water @20°C	1:10 V/V Ethanol 90%
Auto-ignition temperature (°C)	No additional data

### **10. STABILITY AND REACTIVITY**

Stability	Stable Under Suggested Storage Conditions (<15°C).
Conditions to Avoid	Storage At High Temperatures. Do Not Store Above 15°C.
Materials to Avoid	P.V.C
Hazardous Decomposition Products	This Product Does Not Decompose Under Normal Conditions. Under Fire Conditions The Product Will Produce A Mixture Of Irritating Fumes & Smoke & Carbon Monoxide.

### **11. TOXOLOGICAL INFORMATION**

Acute Toxicity	Toxic Dose 1 - Ld 50 4400 Mg/Kg (Oral Rat) Toxic Dose 2 - Ld 50 >2000
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## MATERIAL SAFETY DATA SHEET

Skin corrosion / irritation	May Cause Sensitisation By Skin Contact.
Serious eye damage / irritation	Spray And Vapour In The Eyes May Cause Irritation And Smarting.
Respiratory or skin sensitisation	In High Concentrations, Vapours May Irritate Throat And Respiratory System And Cause Coughing.
Germ Cell Mutagenicity	Negative. (Source Csr).
Carcinogenicity	Not Applicable.
Reproductive toxicity	Not Applicable.
STOT-single exposure	Not Applicable.
STOT-repeated exposure	Not Applicable.
Aspiration hazard	May Be Fatal If Swallowed And Enters Airways (H304).
Photo-toxicity	No additional data
Other Information	Toxic To Aquatic Organisms, May Cause Long Term Adverse Effects In The Aquatic Environment.

### **12. ECOLOGICAL INFORMATION**

Ecotoxicity	Dangerous For The Environment: May Cause Long-Term Adverse Effects In The Aquatic Environment.
Mobility	No Data.
Persistence & Biodegradability	No Data.
Bioaccumulation Potential	No Data.
PBT Assessment Results	No Data.



# MATERIAL SAFETY DATA SHEET

Precautions	Do Not Allow Product To Enter Streams, Sewers Or Other Waterways.
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## 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Always Recover Spilled Product. Discard Waste Material With Authorized Waste Management Services. Act In Accordance With Local & National Waste Regulations.
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## 14. TRANSPORT INFORMATION

Warning Icon	 
Proper Shipping Name	Environmentally Hazardous Substance Liquid N.O.S.
UN No. Road	3082
ADR Class	9 MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES.
Hazard No (ADR)	90 Environmentally Hazardous Substance; Miscellaneous Dangerous Substances
Hazchem Code	3Z
UN No. SEA	3082
IMDG Class	9 MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES.
IMDG Pack Gr.	III
EMS	F-A-S-F
UN No. AIR	3082
Air Class	9 MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES.
Air Pack Gr.	III

# MATERIAL SAFETY DATA SHEET

## 15. REGULATORY INFORMATION

EU Directives	Regulation (Ec) No 1907/2006 Of The European Parliament And Of The Council Of 18th December 2006. Concerning The Registration, Evaluation, Authorization & Restriction Of Chemicals (Reach), Establishing A European Chemicals Agency, Amending Directive 1999/45/Ec And Repealing Council Regulation (Eec) No793/93 & Commission Regulation (Ec) No1488/94 As Well As Council Directive 76/769/Eec & Commission Directive 91/155/Ecc, 93/67/Ecc, 93/105/Eec & 2000/21/Ec (Including Amendments).
Statutory Instruments	The Chemicals (Hazard Information & Packaging For Supply Regulations 2009 (S.I.2009 No 716).
Approved Code of Practice	Classification & Labelling Of Substances & Preparations Dangerous For Supply. Safety Data Sheets For Substances & Preparations.
Guidance Notes	Workplace Exposure Limits Eh40. Chip For Everyone Hsg 108.

## 16. OTHER INFORMATION

Revision Date	06.08.2018
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	-
Hazard Statements in Full	H315 Causes Skin Irritation. H317 May Cause An Allergic Skin Reaction. H318 Causes Serious Eye Damage. H411 Toxic To Aquatic Life With Long Lasting Effects.
Other Information	-

**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.