

### **CERTIFICATE OF ANALYSIS**

PRODUCT NAME: BASIL, ESSENTIAL OIL (METHYL CHAVICOL TYPE) ORGANIC

BATCH NUMBER: 4458502

PRODUCT INCI: OCIMUM BASILICUM OIL

PRODUCT CODE: OCBASI

CAS NUMBER: 8015-73-4 / 84775-71-3

**EINECS NUMBER: 283-900-8** 

**BEST BEFORE END: JANUARY 2025** 

ANALYTICAL DETAILS	RANGE	RESULT
Appearance	LIQUID	-
COLOUR	CLEAR COLOURLESS LIQUID	-
Odour	CHARACTERISTIC OF BASIL	-
SPECIFIC GRAVITY @ 20°C	0.900 – 0.973	0.935
Refractive Index @ 20°C	1.490 – 1.530	1.506
OPTICAL ROTATION (°C)	-1 <i>5</i> .0 то +2.0	-6.0

#### **STORAGE CONDITIONS**

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT



	COSMETIC ALLERGENS			
The F	Following is from the 7th amendment of the cosmetic directive of the European Union Annex iii.			
nex Illa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):	
67	AMYL CINNAMAL	122-40-7	0.00	
68	BENZYL ALCOHOL	100-51-6	0.00	
69	CINNAMYL ALCOHOL	104-54-1	0.00	
70	CITRAL	5392-40-5	<1.0	
71	EUGENOL	97-53-0	<0.1	
72	HYDROXY-CITRONELLAL	107-75-5	0.00	
73	ISOEUGENOL	97-54-1	0.00	
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.00	
75	BENZYL SALICYLATE	118-58-1	0.00	
76	CINNAMAL	104-55-2	0.00	
77	COUMARIN	91-64-5	0.00	
78	GERANIOL	106-24-1	0.00	
79	HYDROXY- METHYLPENTYLCYCLOHEXENECARBOXALDEHYDE	31906-04-4	0.00	
80	ANISE ALCOHOL	105-13-5	0.00	
81	BENZYL CINNAMATE	103-41-3	0.00	
82	FARNESOL	4602-84-0	0.00	
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.00	
84	LINALOOL	78-70-6	<30.0	
85	BENZYL BENZOATE	120-51-4	0.00	
86	CITRONELLOL	106-22-9	0.00	
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.00	
88	LIMONENE	5989-27-5	<0.5	
89	METHYL HEPTIN CARBONATE	111-12-6	0.00	
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.00	
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.00	
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.00	
following is from the commis	FOOD ALLERGENS  ion directive 2007/68/EC of 27th November 2007 amending Annex Illa to Directive 200/13/EC of the European Pa	religionant & Council with regards to specific food in	gradiante	
ex Illa Reference:	an ancient 2007/00/20 of a stribution 2007 distances and a british 2007 20/20 of the distribution 2	PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY PRESENCE:
1	CEREALS ( CONTAINING GLUTEN )	NO	NO	YES
2	CRUSTACEANS	NO	NO NO	NO NO
3	EGGS	NO NO	NO NO	NO NO
4	FISH	NO NO	NO NO	NO NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO NO	NO NO	YES
7	MILK	NO	NO NO	YES
8	NUTS	NO NO	NO NO	YES
9	CELERY & CELERIAC			
10	CELERY & CELERIAC MUSTARD	NO NO	NO NO	YES YES
11	SESAME	NO NO	NO NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO NO	NO NO	NO NO
13	LUPIN	NO	NO	NO



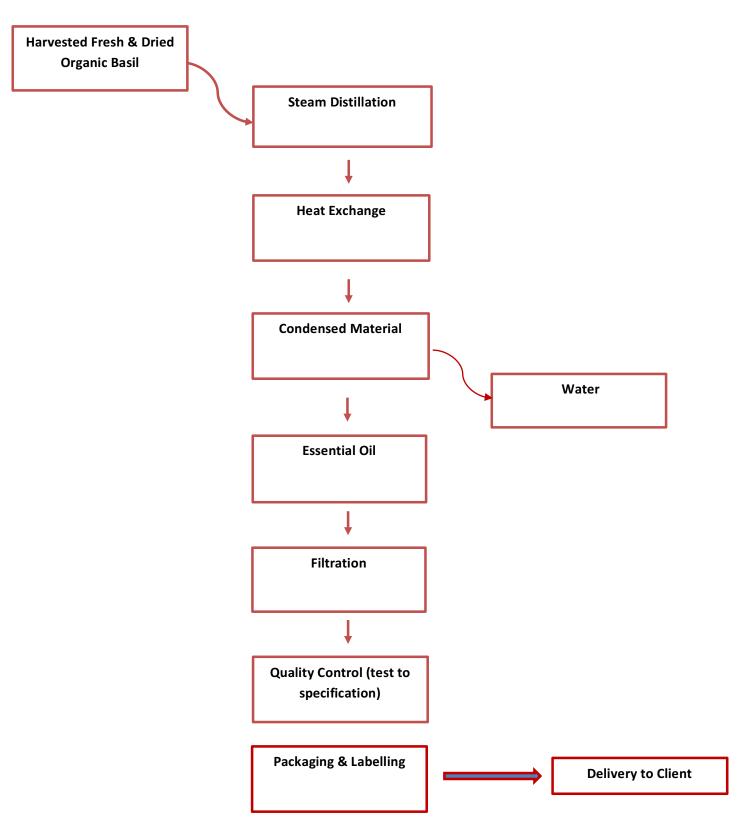
### Composition Statement & Manufacturing Flow Chart:

We n hereby confirm the following composition breakdown & manufacturing process flow;

Basil, Essential Oil (Methyl Chavicol Type) Organic

INCI Name	% Inclusion	CAS Number
Ocimum Basilicum Oil	100	8015-73-4 / 84775-71-3

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission





### IFRA STATEMENT

PRODUCT NAME: BASIL, ESSENTIAL OIL (METHYL CHAVICOL TYPE) ORGANIC

PRODUCT INCI: OCIMUM BASILICUM OIL

CAS NUMBER: 8015-73-4 / 84775-71-3

EINECS NUMBER: 283-900-8

MANUFACTURING METHOD: STEAM DISTILLATION

SHELF LIFE / BEST BEFORE: 24 MONTHS

WE CERTIFY THAT THE ABOVE NAMED MATERIAL CONFORMS TO THE IFRA 48 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE  $48^{\text{TH}}$  Amendment of the IFRA Code of Practice:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Linalool	78-70-6	≤ 30.0	Specification Std
Limonene	5989-27-5	≤ 0.5	Specification Std
Methyl Chavicol / Estragole	140-67-0	≤ 80.0	Restriction Stds (non QRA)
Citral	5392-40-5 / 141-27-5 / 106- 26-3	≤ 1.0	Restriction Stds (QRA cat.)
Eugenol	97-53-0	≤ 0.1	Restriction Stds (QRA cat.)

IFRA Classes	% Maximum Use Level
Class 1	0.0125
Class 2	0.0125
Class 3A	0.25
Class 3B	0.0125
Class 3C	0.0125
Class 3D	0.0125
Class 4A	0.25
Class 4B	0.25
Class 4C	0.0125
Class 4D	0.0125
Class 5	0.0125
Class 6	0.0125
Class 7A	0.0125
Class 7B	0.0125
Class 8A	0.0125
Class 8B	0.0125
Class 9A	0.0125
Class 9B	0.25
Class 9C	0.25
Class 10A	0.25
Class 10B	0.0125
Class 11	0.25

Finished product types	IFRA clas
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) including eye cream. Men's Facial  Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7 A
Insect Repellent (intended to be applied to the skin).	Class 7 B
Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, eave-in conditioners etc). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos). Face Cleansers of all types (washes, gels, scrubs, etc). Shaving Creams of all types (stick, gels, foams, etc). Body Washes of all types (including baby washes). Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches.  Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc). Dry Cleaning Kits.  Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including:  Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs).  Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols);  Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B



### Material Safety Data Sheet

EU Regulation: 1907/2006

SECTION 1: IDENTIFICATION	NOF THE SUBST	ANCE/MIX	CTURE AND OF THE CC	OMPANY/UNDI	ERTAKING
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	Basil, Essential (	OIL (METHYL C	CHAVICOL TYPE) ORGANIC		
BIOLOGICAL DEFINITION	OCIMUM BASILIC LABIATAE.	UM OIL IS THE	VOLATILE OIL OBTAINED FROI	M THE LEAVES OF T	HE BASIL, OCIMUM BASILICUM L.,
INCI NAME	OCIMUM BASILICU	JM OIL			
SYNONYMS & TRADE NAMES	BASIL OIL TROPICA	BASIL OIL TROPICAL / BASIL OIL MC			
CAS-No	8015-73-4 / 84775-71-3	EC No.	283-900-8	EINECS No.	283-900-8
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY		T 1			
COMPANY ADDRESS	Madar Corporation 19 - 20 Sandleheath		tate, Fordingbridge, SP6 1PA		
EMAIL	technical@madarcorpo	ration.co.uk			
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY	OATA SHEET				
EMERGENCY CONTACTS	01425 655 555				

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission

2.1 CLASSIFICATION (67/548/EEC) CLASSIFICATION (67/548/EEC) RO ADDITIONAL DATA AVAILABLE. ACUTE TOXICITY - ORAL CATEGORY 4 - (H302) SKIN CORROSO/RIBRATION CATEGORY 9 - (H315) SERIOUS FIVE DAMAGE/FEV IRRITATION CATEGORY 9 - (H319) SCRIVING FIRST DAMAGE FIVE IRRITATION CATEGORY 9 - (H319) SCRIVING FIVE DAMAGE FIVE IRRITATION CATEGORY 9	SECTION 2: HAZARDS IDENTIFICATION		
CLASSIFICATION (67/548/EEQ)  ACADITIONAL DATA AVAILABLE. ACUTE TOXICITY - ORAL CATEGORY 2 - (H310) SCHOOLORS SIGNOUS FOR DAMAGE/FVE IRRITATION CATEGORY 2 - (H319) SCHOOLORS SIGNOUS FOR DAMAGE/FVE IRRITATION CATEGORY 2 - (H319) SCHOOLORS SIGNOUS FOR DAMAGE/FVE IRRITATION CATEGORY 2 - (H319) SCHOOLORS SIGNOUS FOR DAMAGE/FVE IRRITATION CATEGORY 2 - (H319) SCHOOLORS SIGNOUS FOR DAMAGE/FVE IRRITATION CATEGORY 2 - (H341) CARCINOGENICITY CATEGORY 2 - (H351)  2.2 LABEL ELEMENTS  LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.  SIGNAL WORD  WARNING.  CONTAINS  CITRAL ESTRAGOLE H302 - HARMFULL FS WALLOWED H315 - CAUSES SIGN IRRITATION H317 - MAY CAUSE AN ALLERGIC SIGN REACTION H317 - MAY CAUSE AN ALLERGIC SIGN REACTION H317 - MAY CAUSE AN ALLERGIC SIGN REACTION H318 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING GENETIC DEFECTS H	2.1		
CLASSIFICATION (EU1272/2008)  ACUTE TOXICITY - ORAL CATEGORY 4 - (H302) SRIN CORROSION/IRRITATION CATEGORY 2 - (H315) SRIND SERIOUS SEY DAMAGE/FEY IRRITATION CATEGORY 2 - (H317) SRIND SENSITIZATION CATEGORY 1 - (H317) GERM CELL MUTAGEMICTY CATEGORY 2 - (H341) CARCINOGENICITY CATEGORY 2 - (H341) CARCINOGENICITY CATEGORY 2 - (H341) CARCINOGENICITY CATEGORY 2 - (H351)  LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.  GHS LABEL  GHS UN ARRIVED  GHS UN ARRIVED  GHS UN ARRIVED  GHS UN ARRIVED  H302 - HARMFUL IF SWALLOWED H315 - CAUSES SKIN IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SKIN IRRITATION H319 - CAUSES SKIN IRRITATION H314 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING CANCER H12 - HARMFUL TO AQUATIC UPE WITH LONG LASTING EFFECTS  WARNING.  PRECAUTIONARY STATEMENT  P201 O BITAIN INSTRUCTION BEFORE USE. P273 AVOID RELEASE TO THE ENVIRONMENT P280 - WEAR PROTECTIVE CLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P281 - USE RESONAL EQUIPMENT P308 + P313 - IF EXPOSED ON CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 I F EXPOSED ON CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 I F EXPOSED ON CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 I F EXPOSED ON CONCERNED: GET MEDICAL ATTENTION NONE:  SUPPLEMENTARY PRECAUTIONARY STATEMENTS  NONE:  SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.  2.3  OTHER HAZAROS  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.	
CLASSIFICATION (EU1272/2008)  SERIOUS EYE DAMAGE/EVE IRRITATION CATEGORY 2 - (H315) SERIOUS EYE DAMAGE/EVE IRRITATION CATEGORY 2 - (H319) SERIOUS EYE DAMAGE/EVE IRRITATION CATEGORY 2 - (H319) SERIOUS EYE DAMAGE/EVE IRRITATION CATEGORY 2 - (H311) CARCINOGENICITY CATEGORY 2 - (H311) CARCINOGENICITY CATEGORY 2 - (H351)  CARCINOGENICITY CATEGORY 2 - (H351)  LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.  SIGNAL WORD  WARNING.  CONTAINS  CITRAL, ESTRAGOLE  H302 - HARMFUL IE SWALLOWED H315 - CAUSES SKIN DIRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SERIOUS EYE IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SERIOUS EYE IRRITATION H341 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING CANCER H110 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS  WARNING.  PRECAUTIONARY STATEMENTS  PRECAUTIONARY STATEMENTS  P280 - WEAR PROTECTIVE CLOST FOR TEXT COLOTHING/EYE PROTECTION/FACE PROTECTION. P281 - USE PERSONAL EQUIPMENT P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P303 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL	CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.	
LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.  GHS LABEL  GHS 08  GHS 07  WARNING.  CONTAINS CITRAL, ESTRAGOLE  H302 - HARMFUL IF SWALLOWED H315 - CAUSES SKIN IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H318 - CAUSES SKIN IRRITATION H319 - CAUSES SERIOUS EYE IRRITATION H341 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING CANCER H412 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS  WARNING.  PRECAUTIONARY STATEMENTS P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P281 - USE PERSONAL EQUIPMENT P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 IF SKIN RASH OCCURS, GET IMMEDIATE MEDICAL ADVICE/ATTENTION  SUPPLEMENTARY PRECAUTIONARY STATEMENTS NONE.  SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.  2.3  OTHER HAZARDS  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	CLASSIFICATION (EU1272/2008)	SKIN CORROSION/IRRITATION CATEGORY 2 - (H315) SERIOUS EYE DAMAGE/EYE IRRITATION CATEGORY 2 - (H319) SKIN SENSITIZATION CATEGORY 1 - (H317) GERM CELL MUTAGENICITY CATEGORY 2 - (H341)	
SIGNAL WORD WARNING.  CONTAINS CITRAL, ESTRAGOLE H302 - HARMFUL IF SWALLOWED H315 - CAUSES SKIN IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SKIN REACTION H319 - CAUSES SERIOUS EYE IRRITATION H314 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING CANCER H412 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS  SIGNAL WORD WARNING.  P201 OBTAIN INSTRUCTION BEFORE USE. P273 AVOID RELEASE TO THE ENVIRONMENT P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P281 - USE PRESONAL EQUIPMENT P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 - IF SKIN RASH OCCURS, GET IMMEDIATE MEDICAL ATTENTION  SUPPLEMENTARY PRECAUTIONARY STATEMENTS NONE.  SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.  2.3 OTHER HAZARDS  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.		Label in accordance with Regulation (EC) No 1272/2008.	
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H302 - HARMFUL IF SWALLOWED H315 - CAUSES SKIN IRRITATION H317 - MAY CAUSE AN ALLERGIC SKIN REACTION H319 - CAUSES SERIOUS EYE IRRITATION H341 - SUSPECTED OF CAUSING GENETIC DEFECTS H351 - SUSPECTED OF CAUSING CANCER H412 - HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS  SIGNAL WORD WARNING.  P201 OBTAIN INSTRUCTION BEFORE USE. P273 AVOID RELEASE TO THE ENVIROMENT P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P281 - USE PERSONAL EQUIPMENT P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 IF SKIN RASH OCCURS, GET IMMEDIATE MEDICAL ATTENTION  SUPPLEMENTARY PRECAUTIONARY STATEMENTS  SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.  2.3 OTHER HAZARDS  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	SIGNAL WORD	WARNING.	
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PRECAUTIONARY STATEMENTS PRECAUTIONARY STATEMENTS P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P281 - USE PERSONAL EQUIPMENT P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P333 + P313 IF SKIN RASH OCCURS, GET IMMEDIATE MEDICAL ATTENTION  SUPPLEMENTARY PRECAUTIONARY STATEMENTS  SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.  2.3 OTHER HAZARDS  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	Signal Word	WARNING.	
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.  2.3 OTHER HAZARDS  ADVERSE PHYSIO-CHEMICAL PROPERTIES  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	PRECAUTIONARY STATEMENTS	P273 AVOID RELEASE TO THE ENVIROMENT P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P281 – USE PERSONAL EQUIPMENT P308 + P313 - IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.	
2.3 OTHER HAZARDS  ADVERSE PHYSIO-CHEMICAL PROPERTIES  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	SUPPLEMENTARY PRECAUTIONARY STATEMENTS	ENTS NONE.	
OTHER HAZARDS  ADVERSE PHYSIO-CHEMICAL PROPERTIES  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	Sec	TION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
ADVERSE PHYSIO-CHEMICAL PROPERTIES  HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.			
Adverse effects on human health May be harmful in contact with skin.		HARMFUL TO AQUATIC LIFE. COMBUSTIBLE LIQUID.	
	ADVERSE EFFECTS ON HUMAN HEALTH	MAY BE HARMFUL IN CONTACT WITH SKIN.	

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The 19420 Sandleheathelodustrial Estate, Feprdingleridge; slaimpshire, SP6 if PA; WKout permission.

PBT or VPVB ACCORDING TO ANNEX XIII	None	
SECTION 3: COMPOSITION OF INGRE	DIFNTS	
3.1	Ī	
SUBSTANCES	NOT APPLICABLE.	
	<b>70.0 – 80.0% ESTRAGOLE</b> CAS-No.: 140-	67-0 EC No.: 205-427-8
	Classification (EC 1272/2008)	SVIN SENIC 1 (H217) CARC 2 (H2E1) MUTA 2 (H241) SVIN
	IRRIT. 3 (316),	Skin Sens. 1 (H317), Carc. 2 (H351), Muta. 2 (H341), Skin
3.2	IRRIT. 3 (310),	ACUTE TOX. 4 (H302), FLAM. LIQ. 4 (H227), SKIN SENS. 1 (H317)
MIXTURES	Carc. 2 (H351),	ACOTE 10X. 4 (11302), 1 EAW. ERQ. 4 (11227), 3KIN 3ENS. 1 (11317)
	5, ite. 2 (11651),	Muta. 2 (H341), Skin Irrit. 3 (H316), Acute Tox. 4 (H302)
	≤ 30.0% LinaLooL CAS-No 78-70-6, EC	
	Classification (EC 1272/2008); (H315),	AQUATIC ACUTE 3 (H402,) EYE IRRIT. 1 (H319,) SKIN IRRIT. 2
	(1313),	ACUTE TOX. 5 (H303), AQUATIC ACUTE 3 (H402), EYE IRRIT. 1
	(H319),	
		SKIN IRRIT. 2 (H315), ACUTE TOX. 5 (H303), FLAM. LIQ. 4 (H227)
	≤ 1.0% CITRAL CAS-No 5392-40-5, EC 2	
	CLASSIFICATION (EC 1272/2008); (EFFA),	AQUATIC ACUTE 2 (H401) (EFFA), SKIN SENS. 1 (H317)
	(21179),	Eye Irrit. 2 (H319) (EFFA), SKIN Irrit. 2 (H315) (EFFA),
		ACUTE TOX. 5, (H313)(EFFA)
	≤ 0.1% ALPHA PINENE CAS-NO 80-56-8,	
	CLASSIFICATION (EC 1272/2008); (EFFA),	ACUTE AQUATIC 1 (H400) (EFFA), CHRONIC AQUATIC 1 (H410)
	(LITA),	SKIN SENS. 1 (H317)(EFFA), SKIN IRRIT. 2 (H315) (EFFA),
		Asp. Tox. 1 (H304) (EFFA), Acute Tox. 5 (H303)(EFFA),
		FLAM. LIQ. 3 (H226)(EFFA)
	≤ <b>0.1% BETA PINENE</b> CAS-NO 127-91-3,	
	CLASSIFICATION (EC 1272/2008); (EFFA),	ACUTE AQUATIC 1 (H400) (EFFA), CHRONIC AQUATIC 1 (H410)
	(= 1 ~/,	SKIN SENS. 1 (H317) (EFFA), SKIN IRRIT. 2 (H315) (EFFA),
		Asp. Tox. 1 (H304) (EFFA), FLAM. Liq. 3 (H226)(EFFA)

SECTION 4: FIRST AID MEASURES	
4.1	
DESCRIPTION OF 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
INHALATION	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
SNN CONTACT	IRRITATION PERSISTS.
EYE CONTACT	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
4.2	
MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE &	None Known.
DELAYED)	NONE KNOWN.
4.3	
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION	None expected, see Section 4.1 for further information.
OR SPECIAL TREATMENT REQUIRED	

SECTION 5: FIRE FIGHTING MEASURES	
5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Burning produces irritating, toxic and obnoxious fumes
5.3 Advice for fire-fighters	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:  WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1	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	
PERSONAL PRECAUTIONS	SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.	
6.2	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local	
ENVIRONMENTAL PRECAUTIONS	authority guidelines. Combustible material.	
6.3	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS.	
METHODS & MATERIAL FOR CONTAINMENT AND	CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL	
CLEANING UP	REGULATIONS.	
6.4	Refer & consider section 8.	
REFERENCES TO OTHER SECTIONS	Refer & consider section 13.	
	·	

#### **SECTION 7: HANDLING & STORAGE**

7.1 PRECAUTIONS FOR SAFE-HANDLING	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.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	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.
7.3 SPECIFIC END USE(S)	NO DATA.
SECTION 8: EXPOSURE CONTROLS &	

PERSONAL PROTECTION				
	CHEMICAL NAME	CITRAL	ALPHA-PINENE	BETA-PINENE
		5392-40-5	80-56-8	127-91-3
	EUROPEAN UNION	-	-	-
	UNITED KINGDOM	-	-	-
	FRANCE		TWA: 1000 MG/M <sup>3</sup>	TWA: 1000 MG/M <sup>3</sup>
			STEL: 1500 MG/M <sup>3</sup>	STEL: 1500 MG/M <sup>3</sup>
	SPAIN	S*	TWA: 20 PPM	TWA: 20 PPM
		TWA: 5 PPM	TWA: 113 MG/M³	TWA: 113 MG/M³
	GERMANY	-	-	-
	ITALY	-	-	-
8.1	PORTUGAL	-	TWA: 20 PPM	TWA: 20 PPM
CONTROL PARAMETERS	NETHERLANDS	-	-	-
	FINLAND	-	-	-
	DENMARK	-	-	-
	AUSTRIA	-	-	-
	SWITZERLAND	-	-	-
	POLAND	STEL: 54 MG/M³		
		TWA: 27 MG/M <sup>3</sup>	-	-
	Norway		TWA: 25 PPM	TH/A 05
			TWA: 140 MG/M <sup>3</sup>	TWA: 25 PPM
		-	SKIN	TWA: 140 MG/M <sup>3</sup>
			STEL: 25 PPM	STEL: 25 PPM STEL: 140 MG/M <sup>3</sup>
			STEL: 140 MG/M³	31EL: 140 MG/M <sup>2</sup>

8.2		
EXPOSURE CONTROLS		
i m		
7/		
EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.	
TIAND THO IZE HON	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	
RESPIRATORY EQUIPMENT		
	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.	
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.	
ENGINEERING MEASURES	NONE.	
SKIN PROTECTION		
PERSONAL PROTECTION	The state of the s	
OTHER PROTECTION		
PROCESS CONDITIONS		
ENVIROMENTAL EXPOSURE CONTROLS		
ENVIROMENTAL EXPOSURE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.	
SECTION 9: PHYSICAL & CHEMICAL		
Properties		
0.1		
9.1 PHYSICAL & CHEMICAL PROPERTIES		
	Lieuws	
APPEARANCE	LIQUID	
COLOUR	PALE YELLOW – YELLOW - BROWN	
ODOUR PELATINE DENGIN	CHARACTERISTIC	
RELATIVE DENSITY	APPROX. 0.935 @ 20°C	
FLASH POINT (°C)	80°C.	
REFRACTIVE INDEX @ 20 °C	APPROX. 1.510 @ 20°C	
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER	
9.2 OTHER INFORMATION	NO DATA.	
SECTION 10: STABILITY & REACTIVITY		
10.1		
REACTIVITY	NOT APPLICABLE.	
10.2		
CHEMICAL STABILITY	Stable under suggested storage conditions (<15°C).	
10.3	NI e	
POSSIBILITY OF HAZARDOUS REACTIONS	No.	

10.4 CONDITIONS TO AVOID	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.	
10.5 INCOMPATIBLE MATERIALS	AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.	
10.6 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.	

11.1 TOXICOLOGICAL EFFECTS				
TOXICOLOGICAL EFFECTS		PRODUCT INFORMATION		
		PRODUCT DOES NOT PRES	SENT AN ACUTE TOXICITY HAZAR	RD BASED ON KNOWN OR
		SUPPLIED INFORMATION.		
		Inhalation: No known		
			NTACT WITH EYES. SEVERELY IR	
			ONTACT WITH SKIN. IRRITATING ERGIC SKIN REACTION. MAY BE	
		SKIN.	ERGIC SKIN REACTION. IVIAT BE	HARWIFUL IN CONTACT WITH
		INGESTION: HARMFUL IF S	SWALLOWED.	
		THE FOLLOWING VALUES A	ARE CALCULATED BASED ON CH.	APTER 3.1 OF THE GHS
		DOCUMENT		
		ATEMIX (ORAL)	1474.00	
		` ′	97.00	
		UNKNOWN ACUTE TOXICI	CONSISTS OF INGREDIENT(S) O	E LINKNOWN TOXICITY
			CONSISTS OF INGREDIENT(S) OF	
		TOXICITY.	(-,	
		98.89 % OF THE MIXTURE	CONSISTS OF INGREDIENT(S) O	F UNKNOWN ACUTE DERMAL
	ACUTE TOXICITY	TOXICITY.		
			CONSISTS OF INGREDIENT(S) O	F UNKNOWN ACUTE INHALATIO
		TOXICITY (GAS)  99.89 % OF THE MIXTURE	CONSISTS OF INGREDIENT(S) O	E LINKNOWN ACLITE INHALATIO
		TOXICITY (VAPOR)	CONSISTS OF INVOICEDIENT(S) O	OWNOWW ACOTE INTIALATIC
		· · · · · · · · · · · · · · · · · · ·	CONSISTS OF INGREDIENT(S) O	F UNKNOWN ACUTE INHALATIC
		TOXICITY (DUST/MIST).		
		CHEMICAL NAME	ORAL LD50	DERMAL LD50
		INHALATION LC50		
		ESTRAGOLE	= 1230 MG/KG ( RAT )	> 5 G/KG (RABBIT)
		- LINALOOL	= 2790 MG/KG / PAT \	= 5610 MG/KG ( RAT )
		-	- 27 70 MIG/RG ( RAT )	- JUTO INIO, NO (TIAT)
		CITRAL	= 4960 MG/KG ( RAT )	= 5160 MG/KG (RAT)
		-		
		ALPHA-PINENE		= 2250 MG/KG ( RABBIT )
		BETA-PINENE	= 4700 MG/KG ( RAT )	> 5000 MG/KG (RAT)
	SKINI IDDITATIONI	- IDDITATING TO CKIN		
	SKIN IRRITATION	Irritating to skin.		

EYE DAMAGE OR IRRITATION	Causes severe eye irritation.	
RESPIRATORY OR SKIN SENSITIVITY	MAY CAUSE SENSITIZATION BY SKIN CONTACT.	
GERM CELL MUTAGENICITY	SUSPECTED OF CAUSING GENETIC DEFECTS. INDIRECT NATURAL ESTRAGOLE.	
CARCINOGENICITY	CONTAINS A KNOWN OR SUSPECTED CARCINOGEN.	
REPRODUCTIVE TOXICITY	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR SUSPECTED REPRODUCTIVE HAZARDS	
NEI NODOCINE TOXICITY	ABOVE THE THRESHOLD VALUE.	
STOT – SINGLE EXPOSURE	NOT APPLICABLE.	
STOT – REPEATED EXPOSURE	NOT APPLICABLE.	
ASPIRATION HAZARD	NOT APPLICABLE.	
SECTION 12: ECOLOGICAL INFORMATION		
	80.89 % of the mixture consists of components(s) of unknown hazards to the aquatic environment	
12.1	Chemical Name Algae/aquatic plants Fish Crustacea  LINALOOL 88.3: 96 h Desmodesmus 22 - 46: 96 h Leuciscus idus mg/L 20: 48 h Daphnia magna mg/L EC50  LC50 static mg/L EC50	
TOXICITY	CITRAL 16: 72 h Desmodesmus subspicatus mg/L EC50 19: 96 h Desmodesmus subspicatus mg/L EC50 19: 96 h Desmodesmus subspicatus mg/L EC50 LC50 static LC50 static 0.28: 96 h Pimephales prometa mg/L LC50 static 41: 48 h Daphnia magna mg/L LC50 static 41: 48 h Daphnia magna mg/L LC50 static	
12.2 PERSISTENCE & DEGRADABILITY	NO DATA.	
12.3 BIO- ACCUMULATIVE POTENTIAL	CHEMICAL NAME PARTITION COEFFICIENT  CITRAL 2.76  ALPHA-PINENE 4.1	
12.4 MOBILITY IN SOIL	None.	
12.5 RESULTS OF PBT & VPVB ASSESSMENT	THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.	
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.	
SECTION 13: DISPOSAL INFORMATION		
13.1 WASTE TREATMENT METHODS	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.  DO NOT REUSE CONTAINER.	

SECTION 14: TRANSPORT INFORMATION	
14.1	
TRANSPORT INFORMATION	

	ROAD: NOT CLASSIFIED
UN NUMBER	SEA: NOT CLASSIFIED
	AIR: NOT CLASSIFIED
14.2	Not Applicable
UN Shipping Name	NOT APPLICABLE.
14.3	NOT APPLICABLE.
TRANSPORT HAZARD CLASS(ES)	NOT APPLICABLE.
14.4	NOT APPLICABLE.
PACKING GROUP	NOT ATT LICABLE.
14.5	NOT ENVIRONMENTALLY HAZARDOUS FOR TRANSPORT.
ENVIROMENTAL HAZARDS	THO ENVIRONMENTALET HAZARDOUST OR TRANSFORT.
14.6	SEE SECTIONS 6-8.
SPECIAL PRECAUTIONS FOR USER	CLE CLEMENTO C.
14.7	
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &	NOT APPLICABLE.
THE IBC CODE.	
SECTION 15: REGULATORY INFORMATION	
15.1	
PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS	
& LEGISLATION	
	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
	of 18 <sup>th</sup> December 2006. Concerning the registration, evaluation,
	authorization & restriction of chemicals (REACH), establishing a European
EU DIRECTIVES	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).
0	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009
STATUTORY INSTRUMENTS	(S.I.2009 NO 716).
	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY.
APPROVED CODE OF PRACTICE	SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2	
CHEMICAL SAFETY ASSESSMENT	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL
CHEIVIICAL JAFETT ASSESSIVIEIVI	ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

SECTION 16: OTHER INFORMATION	
	H226 - Flammable liquid and vapour
	H227 - COMBUSTIBLE LIQUID
	H302 - Harmful if swallowed
	H303 - May be harmful if swallowed
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H304 - May be fatal if swallowed and enters airways
	H313 - May be harmful in contact with skin
	H315 - Causes skin irritation
	H316 - Causes mild skin irritation
	H317 - May cause an allergic skin reaction
	H319 - Causes serious eye irritation

H341 - Suspected of causing genetic defects if inf H351 - Suspected of causing cancer if inhaled H400 - Very toxic to aquatic life H401 - Toxic to aquatic life H402 - Harmful to aquatic life	HALED
H400 - VERY TOXIC TO AQUATIC LIFE H401 - TOXIC TO AQUATIC LIFE	
H401 - TOXIC TO AQUATIC LIFE	
1402 HARMEN TO ACHATIC HEE	
H4UZ - HARMFUL TO AQUATIC LIFE	
H410 - Very toxic to aquatic life with long lasting	G EFFECTS
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF	
THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS MATERIAL SAFETY DATA SHEET.	
INCI INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDI	ENTS.
CAS CHEMICAL ABSTRACT SERVICE.	
IMDG   International Maritime code for Dangerous Goo	DS.
ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDI	ses Dangereuses par Route
ADR (EUROPEAN AGREEMENT CONCERNING THE INTERNATION	NAL CARRIAGE OF DANGEROUS
goods by Road).	
RID International Carriage of Dangerous Goods by F	₹AIL.
ICAO INTERNATIONAL CIVIL AVIATION ORGANIZATION.	
ADN International Carriage of Dangerous Goods by I	NLAND WATERWAYS.
GHS GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & L	ABELLING OF CHEMICALS.
TREM CARD TRANSPORT EMERGENCY CARD.	
STOT SPECIFIC TARGET ORGAN TOXICITY.	

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10 <sup>™</sup> APRIL 2018	Data Launch



### SPECIFICATION SHEET

PRODUCT NAME: BASIL, ESSENTIAL OIL (METHYL CHAVICOL TYPE) ORGANIC

PRODUCT INCI: OCIMUM BASILICUM OIL

CAS NUMBER: 8015-73-4 / 84775-71-3

EINECS NUMBER: 283-900-8

MANUFACTURING METHOD: STEAM DISTILLATION

SHELF LIFE / BEST BEFORE: 24 MONTHS

Analytical Details	Range
Appearance	LIQUID
COLOUR	Pale yellow - brown
Odour	CHARACTERISTIC OF BASIL
SPECIFIC GRAVITY @ 20°C	0.900 – 0.973
Refractive Index @ 20°C	1.490 – 1.530
Optical Rotation (°C)	-15.0 то +2.0

#### **STORAGE CONDITIONS**

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

24<sup>™</sup> May 2018

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### **NON-GMO CERTIFICATE**

PRODUCT NAME: Basil Chavicol Organic

To the best of our knowledge, the products listed below are not derived from Genetically Modified starting Raw materials or additives that are derived from Genetically Modified Organism and do not contain detectable of Genetically Modified material(known as PCR negative).



### **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Basil Chavicol Organic

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.