CERTIFICATE OF ANALYSIS

PRODUCT NAME: FENNEL SWEET, ESSENTIAL OIL ORGANIC

BATCH NUMBER: 4502707

PRODUCT INCI: FOENICULUM VULGARE DULCE OIL

CAS NUMBER: 8006-84-6

EINECS NUMBER: 282-892-3

MANUFACTURING METHOD: STEAM DISTILLATION

BEST BEFORE DATE: APRIL 2026

ANALYTICAL DETAILS	RANGE	RESULTS
Appearance	LIQUID	-
Colour	COLOURLESS - PALE YELLOW	-
Odour	CHARACTERISTIC	-
Specific Gravity @ 20°C	0.950 - 0.985	0.973
Refractive Index @ 20°C	1.520 - 1.560	1.5396
OPTICAL ROTATION (°C)	+4.0 то +25.0	+13.4

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

ALLERGEN STATEMENT

PRODUCT NAME: FENNEL SWEET, ESSENTIAL OIL ORGANIC

COSMETIC ALLERGENS

Reference: CAS NUMBER: INCLUSION (%): 67 AMYL CINNAMAL 122-40-7 0.000 68 BENZYL ALCOHOL 100-51-6 0.000 69 CINNAMYL ALCOHOL 104-54-1 0.000 70 CITRAL 5392-40-5 0.000 71 EUGENOL 97-53-0 0.000 72 HYDROXY-CITRONELLAL 107-75-5 0.000 73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000	Annex Illa			TOTAL ALLERGEN
68 BENZYL ALCOHOL 100-51-6 0.000 69 CINNAMYL ALCOHOL 104-54-1 0.000 70 CITRAL 5392-40-5 0.000 71 EUGENOL 97-53-0 0.000 72 HYDROXY-CITRONELLAL 107-75-5 0.000 73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 105-13-5 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	Reference:		CAS NUMBER:	INCLUSION (%):
69 CINNAMYL ALCOHOL 104-54-1 0.000 70 CITRAL 5392-40-5 0.000 71 EUGENOL 97-53-0 0.000 72 HYDROXY-CITRONELLAL 107-75-5 0.000 73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	67	AMYL CINNAMAL	122-40-7	0.000
70 CITRAL 5392-40-5 0.000 71 EUGENOL 97-53-0 0.000 72 HYDROXY-CITRONELLAL 107-75-5 0.000 73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	68	BENZYL ALCOHOL	100-51-6	0.000
71 EUGENOL 97-53-0 0.000 72 HYDROXY-CITRONELLAL 107-75-5 0.000 73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	69	CINNAMYL ALCOHOL	104-54-1	0.000
72 HYDROXY-CITRONELLAL 107-75-5 0.000 73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	70	CITRAL	5392-40-5	0.000
73 ISO EUGENOL 97-54-1 0.000 74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	71	EUGENOL	97-53-0	0.000
74 AMYLCIN-NAMYL ALCOHOL 101-85-9 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	72	HYDROXY-CITRONELLAL	107-75-5	0.000
TS BENZYL SALICYLATE 118-58-1 0.000 75 BENZYL SALICYLATE 118-58-1 0.000 76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	73	ISO EUGENOL	97-54-1	0.000
76 CINNAMAL 104-55-2 0.000 77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.000
77 COUMARIN 91-64-5 0.000 78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	75	BENZYL SALICYLATE	118-58-1	0.000
78 GERANIOL 106-24-1 0.000 79 HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	76	CINNAMAL	104-55-2	0.000
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	77	COUMARIN	91-64-5	0.000
79 CARBOXALDEHYDE 31906-04-4 0.000 80 ANISE ALCOHOL 105-13-5 0.000 81 BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	78	GERANIOL	106-24-1	0.000
BENZYL CINNAMATE 103-41-3 0.000 82 FARNESOL 4602-84-0 0.000 83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	79		31906-04-4	0.000
Bit Participant Provide the second seco	80	ANISE ALCOHOL	105-13-5	0.000
83 BUTYLPHENYL METHYLPROPIONAL 80-54-6 0.000 84 LINALOOL 78-70-6 <0.50	81	BENZYL CINNAMATE	103-41-3	0.000
84 LINALOOL 78-70-6 <0.50 85 BENZYL BENZOATE 120-51-4 0.000 86 CITRONELLOL 106-22-9 0.000 87 HEXYL CINNAM-ALDEHYDE 101-86-0 0.000 88 LIMONENE 5989-27-5 3.0 -6.0 89 METHYL 2-OCTYNOATE 111-12-6 0.000 90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	82	FARNESOL	4602-84-0	0.000
BENZYL BENZOATE 120-51-4 0.000 85 BENZYL BENZOATE 106-22-9 0.000 86 CITRONELLOL 106-22-9 0.000 87 HEXYL CINNAM-ALDEHYDE 101-86-0 0.000 88 LIMONENE 5989-27-5 3.0 -6.0 89 METHYL 2-OCTYNOATE 111-12-6 0.000 90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.000
86 CITRONELLOL 106-22-9 0.000 87 HEXYL CINNAM-ALDEHYDE 101-86-0 0.000 88 LIMONENE 5989-27-5 3.0 -6.0 89 METHYL 2-OCTYNOATE 111-12-6 0.000 90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	84	LINALOOL	78-70-6	<0.50
87 HEXYL CINNAM-ALDEHYDE 101-86-0 0.000 88 LIMONENE 5989-27-5 3.0 -6.0 89 METHYL 2-OCTYNOATE 111-12-6 0.000 90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	85	BENZYL BENZOATE	120-51-4	0.000
88 LIMONENE 5989-27-5 3.0 -6.0 89 METHYL 2-OCTYNOATE 111-12-6 0.000 90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	86	CITRONELLOL	106-22-9	0.000
89 METHYL 2-OCTYNOATE 111-12-6 0.000 90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
90 ALPHA-ISOMETHYL IONONE 127-51-5 0.000 91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	88	LIMONENE	5989-27-5	3.0 -6.0
91 EVERNIA PRUNASTRI EXTRACT 90028-68-5 0.000	89	METHYL 2-OCTYNOATE	111-12-6	0.000
	90	ALPHA-ISOMETHYL IONONE	127-51-5	0.000
92 EVERNIA FURFURACEA EXTRACT 90028-67-4 0.000	91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.000
	92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.000

FOOD ALLERGENS

Annex Illa		PRESENT IN	CONTAMINATION	FACTORY
Reference:		PRODUCT:	PRESENCE:	PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO

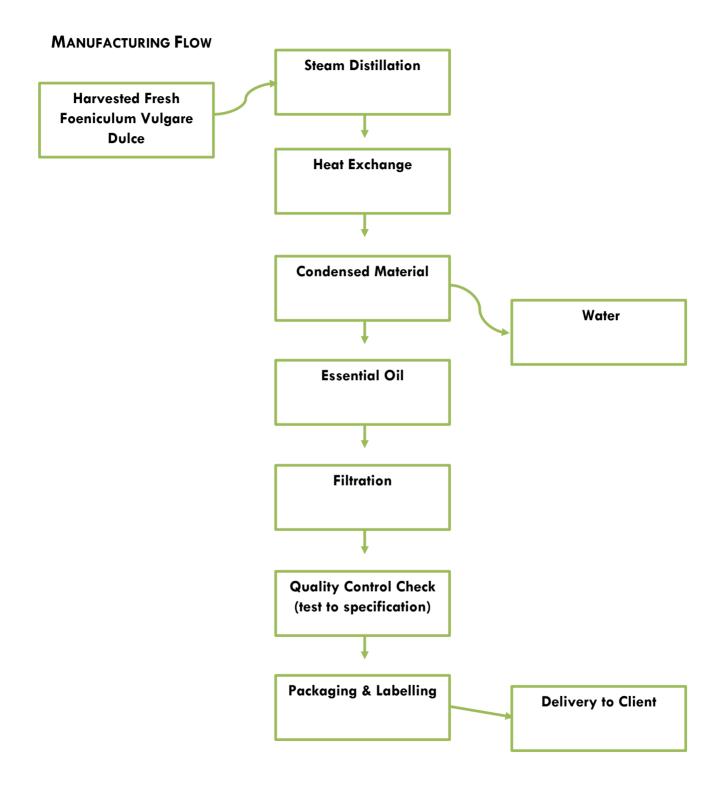
MANUFACTURING FLOW & INCI STATEMENT

PRODUCT NAME: FENNEL SWEET, ESSENTIAL OIL ORGANIC

INCI STATEMENT

Madar Corporation Limited can hereby confirm the following composition breakdown & manufacturing process flow.

INCI Name	% Inclusion	CAS Number
Foeniculum Vulgare Dulce Oil	100	8006-84-6



26-05-2021

GMO STATEMENT

We hereby state and certify that the Fennel Sweet Organic sold by us is not derived/ produced from a raw material that has been genetically modified.

IFRA STATEMENT

PRODUCT NAME: FENNEL SWEET, ESSENTIAL OIL ORGANIC

PRODUCT INCI: FOENICULUM VULGARE DULCE OIL

MADAR CORPORATION LIMITED CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 49 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 49th Amendment OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard	
Estragole	140-67-0	< 10.0	Restriction Stds (non QRA)	

Additional comments:

IFRA Category	% Maximum Use Level
IFRA Category 1	0.3
IFRA Category 2	0.575
IFRA Category 3	0.3
IFRA Category 4	10.50
IFRA Category 5A	1.875
IFRA Category 5B	0.155
IFRA Category 5C	0.3
IFRA Category 5D	0.0525
IFRA Category 6	0.775
IFRA Category 7A	0.3
IFRA Category 7B	0.3
IFRA Category 8	0.0525
IFRA Category 9	1.25
IFRA Category 10A	1.25
IFRA Category 10B	1.25
IFRA Category 11A	0.0525
IFRA Category 11B	0.05255
IFRA Category 12	37.5

Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.	Yes	Applicable (leave-on products)			
Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist)	No	Applicable (leave-on products)			
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer gory 3 Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes					
Category 4	Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products	No	Applicable (leave-on products)			
Category 5A	Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc).	No	Applicable (leave-on products)			
Category 5B	Facial toner. Facial moisturizers and creams	No	Applicable (leave-on products)			
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	Applicable (leave-on products)			
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable (leave-on products)			
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	Applicable (leave-on products)			
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	No	Applicable (leave-on products)			
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave- on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer					
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable (leave-on products)			
Category 9	NO	Applicable (rinse-off products)				
Category 10A	 waxes for mechanical hair removal. Shampoos for pets Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water). 	NO	Applicable (rinse-off products)			
Category 10B	Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides	NO	Applicable (rinse-off products)			
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	NO	Not applicable (leave-on products without UV exposure)			
Category 11B	Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).	NO	Applicable (leave-on products)			
Category 12	Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).	NO	Not applicable (non- skin contact products)			

Material Safety Data Sheet

EU Regulation: 1907/2006

SECTION 1: IDENTIFICATION OF	THE SUBSTANCE	/MIXTURE /	AND OF THE COMPANY	UNDERTAKING		
1.1 PRODUCT IDENTIFICATION						
Product Name	FENNEL SWEET, ESSEN	NTIAL OIL ORG	ANIC			
BIOLOGICAL DEFINITION	Foeniculum Vulgai Umbelliferae.	RE OIL IS THE VO	DLATILE OIL OBTAINED BY STEAM DI	STILLATION OF THE CF	rushed seeds of Fennel, Foeniculum vulgare,	
INCI NAME	FOENICULUM VULGA	RE DULCE				
Synonyms & Trade Names	Sweet Fennel Oil	Sweet Fennel Oil				
INTERNAL PRODUCT CODE						
CAS-No	8006-84-6	EC No.	282-892-3	EINECS No.	282-892-3	
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET					
COMPANY ADDRESS	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbridge, SP6 3JZ					
EMAIL	technical@madarcorporation.co.uk					
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET					
EMERGENCY CONTACTS	01425 655 555					

2.1 Classification of the substance or mixture	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.				
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.				
CLASSIFICATION (EU1272/2008)	Physical and Chemical Hazards : Not classified. Skin Sens. 1 (H317) Asp. Tox. 1 (H304) Aqu. Chron. 2 (H411) Muta 2 (H341) Carc. 2 (H351)				
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.				
GHS LABEL	GHS07 GHS07 GHS08 GHS09 GHS09				
Signal Word	DANGER.				
Contains	-				
HAZARDS STATEMENT	H317 May cause an allergic skin reaction. H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects. H341 Suspected of causing genetic defects (state route of exposure if it is conclusively proven that is other routes of exposure cause the hazard). H351 Suspected of causing cancer.				
Signal Word	Danger.				
Precautionary Statements	P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing and eye/face protection. P301+330+331 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.				
5	Section 16 (Other Information): Risk & Safety phrases in full.				
2.3 Other Hazards					
Adverse physio-chemical properties	NO DATA.				
Adverse effects on human health	NO DATA.				
PBT OR VPVB ACCORDING TO ANNEX XIII	NO DATA.				

	Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
	Anethole	Present	4180-23-8	70 - <80	Skin Sens. 1B (H317) (EFFA) Acute Aquatic 2 (H401) (EFFA) Acute Tox. 5 (H303) (EFFA) Skin Irr. 3 (H316) (EFFA)	No data available
	alpha-Pinene	Present	80-56-8	1 - <10	Acute Aquatic 1 (H400) (EFFA) Chronic Aquatic 1 (H410) (EFFA) Acute Tox. 4 (H302) (EFFA) Skin Sens. 1B (H317)	No data available
					(EFFA) Skin Irrit. 2 (H315) (EFFA) Asp. Tox. 1 (H304) (EFFA) Flam. Liq. 3 (H226)(EFFA)	
	d-Limonene	Present	5989-27-5	1 - <10	Aspiration Hazard 1 (H304)(EFFA) Flam. Liq. 3 (H226)(EFFA) Skin Irrit. 2 (H315)(EFFA) Skin Sens. 18 (H317)(EFFA) Aquatic Acute 1 (H400)(EFFA) Aquatic Chronic 1 (H410)(EFFA)	No data available
	Estragole	Present	140-67-0	1 - <10	Skin Sens. 1 (H317), Carc. 2 (H351), Muta. 2 (H341), Skin Irrit. 2 (H315), Acute Tox. 4 (H302), Flam. Liq. 4 (H227) Aquatic Acute 2 (H401), Aquatic Chronic 3 (H412)	
3.1 Substances	alpha-Phellandrene	Present	99-83-2	1 - <10	Skin Irrit. 3 (H316) (EFFA) Asp. Tox. 1 (H304) (EFFA) Flam. Liq. 3 (H226)(EFFA)	No data available
	Myrcene	Present	123-35-3	0.1 - <1	Eye Irrit. 2 (H319) (EFFA) Skin Irrit. 2 (H315) (EFFA) Asp. Tox. 1 (H304) (EFFA) Flam. Liquid 3 (H226) (EFFA) Acute Aquatic 1 (H400) (EFFA) Chronic Aquatic 2 (H411) (EFFA)	
	beta-Pinene	Present	127-91-3	0.1 - <1	Acute Aquatic 1 (H400) (EFFA) Chronic Aquatic 1 (H410) (EFFA) Skin Sens. 1 (H317) (EFFA) Skin Irrit. 2 (H315) (EFFA) Asp. Tox. 1 (H304) (EFFA) Flam. Liq. 3 (H226)(EFFA)	No data available
	Eucalyptol	Present	470-82-6	0.1 - <1	Skin Irrit. 3 (H316) (EFFA) Acute Tox. 5 (H303)(EFFA) Flam. Liq. 3 (H226)(EFFA) Skin Sens. 1B (H317) (EFFA)	No data available
	Linalool	Present	78-70-6	0.1 - <1	Aquatic Acute 3 (H402) (EFFA) Eye Irrit. 2 (H319) (EFFA) Skin Irrit. 2 (H315) (EFFA) Acute Tox. 5 (H303)(EFFA) Flam. Liq. 4 (H227)(EFFA) Skin Sens. 1B (H317) (EFFA)	No data available
	para-Cymene	Present	99-87-6	0.1 - <1	Rep Tox. 2 (H361), Aquatic Acute 2 (H401), Skin Irrit. 3 (H316), Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Acute Tox. 5 (H303),Flam. Liq. 3 (H226)	No data available

	Camphene	Present	79-92-5	0.01 - <0.1	Aquatic Acute 1 (H400) (EFFA) Eye Irrit. 2B (H320) (EFFA) Aquatic Chronic 1 (H410) (EFFA) Flam. Sol 2 (H228) (EFFA)	No data available
	Sabinene	Present	3387-41-5	0.01 - <0.1	Aspiration cat 1 (H304), Flam cat 3 (H226), Skin Irri cat 2 (H315), Skin sensi cat 1B (H317), Acute aquatic cat 1 (H400), Chronic aquatic cat 1 (H410)	No data available
de	elta-3-Carene	Present	13466-78-9	0.01 - <0.1	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) Acute Aquatic 1 (H400)(EFFA) Chronic Aquatic 1 (H410)(EFFA)	No data available

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 OBTAIN MEDICAL ATTENTION.
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALL THE DOCTOR. 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.
4.2 Most important symptoms & effects (Acute & Delayed)	Symptoms Contact: may cause an allergic reaction
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMTOMATICALLY.

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	
PERSONAL PRECAUTIONS	EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN,	
PERSONAL PRECAUTIONS	EYES AND CLOTHING. AVOID INHALATION.	
6.2	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority	
ENVIRONMENTAL PRECAUTIONS	GUIDELINES.	
6.3	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN	
METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS. COVER WITH	
UP	AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL (E.G DRY-LIME, SAND, SODA ASH).	
6.4		
REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 12.	

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	STORAGE CLASS: FLAMMABLE LIQUID STORAGE. STORE ONLY IN THE ORIGINAL RECEPTACLE. KEEP CONTAINER TIGHTLY SEALED. KEEP IN COOL, DRY, VENTILATED STORAGE AND CLOSED CONTAINERS. KEEP AWAY FROM HEAT.
7.3 Specific end use(s)	Risk Management Methods (RMM) The information required is contained in this Material Safety Data

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1

CONTROL PARAMETERS

Chemical Nar		United Kingdom	France	Spain	Germany
alpha-Pinene		-	TWA: 1000 mg/m ³	TWA: 20 ppm	-
80-56-8			STEL: 1500 mg/m ³	TWA: 113 mg/m ³	
d-Limonene 5989-27-5		-	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	S* TWA: 30 ppm TWA: 168 mg/m ³	TWA: 5 ppm TWA: 28 mg/m ³ Ceiling / Peak: 20 ppn Ceiling / Peak: 112 mg/m ³ Skin
alpha-Phellandr	ene -	-	TWA: 1000 mg/m ³	-	-
99-83-2			STEL: 1500 mg/m ³		
Myrcene 123-35-3	-	-	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	-	-
beta-Pinene	-	-	TWA: 1000 mg/m3	TWA: 20 ppm	-
127-91-3			STEL: 1500 mg/m ³	TWA: 113 mg/m ³	
para-Cymen 99-87-6	e -	-	TWA: 150 mg/m ³ TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	-	-
Camphene 79-92-5	-	-	TWA: 1000 mg/m ³ STEL: 1500 mg/m ³	-	-
Sabinene	-	-	TWA: 1000 mg/m ³	-	-
3387-41-5 delta-3-Caren	ie -		STEL: 1500 mg/m ³ TWA: 1000 mg/m ³	TWA: 20 ppm	_
13466-78-9		-	STEL: 1500 mg/m ³	TWA: 113 mg/m ³	-
Chemical Nar		Portugal	Netherlands	Finland	Denmark
alpha-Pinene 80-56-8	e -	TWA: 20 ppm	-	-	-
d-Limonene 5989-27-5		-	-	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 50 ppm STEL: 280 mg/m ³	-
beta-Pinene 127-91-3	-	TWA: 20 ppm	•		· ·
para-Cymen 99-87-6	e -	-	-	-	TWA: 25 ppm TWA: 135 mg/m ³
delta-3-Caren 13466-78-9		TWA: 20 ppm	-	-	-
Chemical Nar		Switzerland	Poland	Norway	Ireland
alpha-Pinene 80-56-8	-	Skin STEL: 40 ppm STEL: 224 mg/m ³ TWA: 20 ppm TWA: 112 mg/m ³	-	TWA: 25 ppm TWA: 140 mg/m ³ Skin STEL: 37.5 ppm STEL: 175 mg/m ³	-
d-Limonene 5989-27-5	-	STEL: 14 ppm STEL: 80 mg/m ³ TWA: 7 ppm TWA: 40 mg/m ³	-	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³	-
Myrcene 123-35-3	-	-	-	TWA: 40 ppm TWA: 275 mg/m ³ STEL: 60 ppm STEL: 343.75 mg/m ³	-
beta-Pinene	-	Skin	-	TWA: 25 ppm	-
127-91-3		STEL: 40 ppm STEL: 224 mg/m ³ TWA: 20 ppm TWA: 112 mg/m ³		TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³	
Camphene 79-92-5	-	Skin STEL: 40 ppm STEL: 224 mg/m ³ TWA: 20 ppm TWA: 112 mg/m ³	-	-	-
delta-3-Carene 13466-78-9		Skin STEL: 40 ppm STEL: 224 mg/m ³ TWA: 20 ppm TWA: 112 mg/m ³	-	TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³	-

8.2 EXPOSURE CONTROLS	
Eye Protection	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)
HAND PROTECTION	AVOID CONTACT WITH SKIN. WASH HANDS BEFORE BREAKS AND AT END OF WORK. WEAR PROTECTIVE GLOVES. DIN/EN 374. THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/ THE SUBSTANCE/ THE PREPARATION. PENETRATION TIME OF GLOVE MATERIAL: THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.
RESPIRATORY EQUIPMENT	DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	None.
Skin Protection	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
Personal Protection	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. AVOID CONTACT WITH SKIN AND EYES. USE PERSONAL PROTECTION ACCORDING TO DIRECTIVE 89/686/EEC.
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
Process Conditions	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
ENVIROMENTAL EXPOSURE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.

SECTION 9: PHYSICAL & CHEMICAL

PROPERTIES

9.1 Physical & Chemical Properties		
Appearance	Liquid	
COLOUR	Pale Yellow	
Odour	CHARACTERISTIC	
RELATIVE DENSITY @ 20°C	0.950 – 0.985	
FLASH POINT (°C)	62 °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 $^{\circ}$ C).	
10.3 Possibility of hazardous reactions	NONE UNDER NORMAL PROCESSING.	
10.4 Conditions to avoid	Storage at high temperatures. Do not store above 15° C. Avoid heat, flames and other sources of ignition.	
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.	

SECTION 11: TOXICOLOGICAL INFORMATION				
11.1 Toxicological effects				
	97.32 % of the mixture co 97.32 % of the mixture co 97.32 % of the mixture co	consists of ingredient(s) of u onsists of ingredient(s) of un onsists of ingredient(s) of un onsists of ingredient(s) of un onsists of ingredient(s) of un	known acute dermal toxici known acute inhalation to: known acute inhalation to:	ity. xicity (gas) xicity (vapor)
	Chemical Name Anethole	Oral LD50 3,050 mg/kg (Rat)	Dermal LD50 >4,900 mg/kg (Rabbit)	Inhalation LC50 5.1mg/L
	alpha-Pinene	500mg/kg (Rat)	> 5000 mg/kg (Rat)	or may a
ιςυτε Τοχιςιτγ	d-Limonene	6 Rat > 2000 mg/kg Female 1 (reliable without restriction) 7 Rat > 5000 mg/kg Male 4 (not assignable) 8 Rat > 5000 mg/kg 4 (not assignable) 1 Mouse 5600 mg/kg Male 4 (not assignable) 5 Rat 5300 mg/kg Male 4 (not assignable) 3 Rat 4400 mg/kg Male 4 (not assignable) 3 Rat 4400 mg/kg Male 4 (not assignable) 4 Rat 5200 mg/kg Female 4 (not	>5g/kg (Rabbit)	
		assignable)		
	Estragole	= 1230 mg/kg (Rat)	> 5 g/kg (Rabbit) > 5000 mg/kg (Rabbit)	
	alpha-Phellandrene	= 5700 mg/kg (Rat)		
	Myrcene beta-Pinene	> 5 g/kg (Rat) = 4700 mg/kg (Rat) > 5000 mg/kg	> 5 g/kg (Rabbit) > 5000 mg/kg (Rabbit)	
	Eucalyptol	(Rat) = 2480 mg/kg (Rat)		
	Linalool	= 2790 mg/kg (Rat)	= 2000 mg/kg (Rabbit) = 5610	
	para-Cymene	4,750 mg/kg (Rat)	mg/kg (Rat) >5,000 mg/kg (Rabbit)	>9.7 mg/L (Rat) 5hr
	Camphene delta-3-Carene	> 5 g/kg (Rat) = 4800 mg/kg (Rat)	> 2500 mg/kg (Rabbit)	= 17100 mg/m ³ (Rat) 1 h
Skin irritation	AVOID CONTACT WITH SKII		C SKIN REACTION, CAUSES	5 MILD SKIN IRRITATION
EYE DAMAGE OR IRRITATION	AVOID CONTACT WITH ETE	-S-(<u>SEP)</u>		
R ESPIRATORY OR SKIN SENSITIVITY	Avoid breathing vapor	S OR MISTS		
GERM CELL MUTAGENICITY	NO DATA.			
	ΝΟ DΑΤΑ.			
	NO DATA.			
	NO DATA.			
STOT – REPEATED EXPOSURE	NO DATA.			
	NO DATA.			
Other Information	ΝΟ DΑΤΑ.			
SECTION 12: ECOLOGICAL INFORMATION				
12.1	Chemical Name Anethole	Crustacea 48hr EC50/LC50 - 6.82 mg/L 72		ish 6hr LC50 -7 mg/L (Danio rerio)

	alpha-Pinene 41: 48 h Daphnia magna mg/L LC50 0.28: 96 h Pimephales prometas mg/L LC50 static
	d-Limonene 48hr EC50 - 0.4 mg/L (Daphnia 96 hr NOEC - 4mg/L (Green algae) 96hr LC50 - 0.7mg/L (Pimephales magna) promelas)
	Eucalyptol 48hr EC50/LC50 - 100 mg/L (Daphnia magna) NCEC50 - 74 mg/L, EC10 or 96 HR LC50 for freshwater fish - 57 mg/L (Oncorthynchus mykiss) (Pseudokirchneriella subcapitata)
	Linalool 48hr EC50 - 59mg/L (Daphnia 96hr EC50 - 156.7 mg/L; EC10 or 96hr LC50 - 27.8mg/L (Salmo MOEC - 54.3 mg/L (Desmodesmus gairdneri) subspicatus)
	para-Cymene 72hr ErC50 - 4.03 mg/L, NOErC - 48hr EC50 - 100 mg/L 96hr LC50 - 48 mg/L (Cyprinodon 1.4 mg/L (Scenedesmus capricoruntum)
	Camphene 22: 48 h Daphnia magna mg/L LC50 fb/st-chydainio rerio mg/L LC50 flow-through 150: 96 h Brachydainio rerio mg/L LC50 flow-through 150: 96 h Brachydainio rerio mg/L LC50 static
12.2	NO DATA.
PERSISTENCE & DEGRADABILITY	INO DATA.
12.3	ΝΟ ΠΑΤΑ
BIO- ACCUMULATIVE POTENTIAL	INO DATA
12.4 Mobility in soil	ΝΟ ΔΑΤΑ
12.5 Results of PBT & VPVB assessment	NO DATA.
12.6 Other adverse effects	NO DATA.
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.

	UN NUMBER	ROAD: UN 3082 SEA: UN 3082 AIR: UN 3082
I 4.2 JN Shipping Name		ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
14.3 FRANSPORT HAZARD CLASS(ES)		ADR/RID/ADN CLASS: 9 FLAMMABLE LIQUID. IMDG CLASS: 9 FLAMMABLE LIQUID. ICAO CLASS/DIVISION: 9 FLAMMABLE LIQUID. TRANSPORT LABELS:
4.4 PACKING GROUP		ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III

ENVIROMENTAL HAZARDS	₩2
14.6 Special precautions for user	EMS F-A-S-F. Emergency Action Code 3Z. Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances. Tunnel Restriction Code (E).
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NONE.
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU Directives	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH 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.
15.2 Chemical Safety Assessment	Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

SECTION 16: OTHER INFORMATION		
	H227 - Combustible Liquid	
	H228 - Flammable solid	
	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	
	H315 - Causes skin irritation	
	H316 - CAUSES MILD SKIN IRRITATION	
	H317 - MAY CAUSE AN ALLERGIC SKIN REACTION	
	H319 - Causes serious eye irritation	

H320 - CAUSES EYE IRRITATION

	H341 - Suspected of Causing genetic defects
	H351 - Suspected of Causing Cancer $\frac{11}{\text{SEP}}$
	H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
	H400 - Very toxic to aquatic life $\frac{1}{5EP}$
	H401 - Toxic to aquatic life $\mathbb{H}_{\mathrm{MP}}^{[1]}$
	H402 - Harmful to aquatic lifesep
	H410 - VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
	H411 - Toxic to aquatic life with long lasting effects
	H412 - Harmful to aquatic life with long lasting effects
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	
	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. Accord European sur le transport des merchandises Dangereuses par Route (European
ADR	ACCORD LUROPEAN SUR LE TRANSFORT DES MERCHANDISES DANGEREUSES PAR NOUTE (LUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	
ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
ADN	
GHS	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
TREM CARD	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10 [™] April 2018	Data Launch
OCOTBER 2020	Review

SPECIFICATION SHEET

PRODUCT NAME: FENNEL SWEET, ESSENTIAL OIL ORGANIC PRODUCT INCI: FOENICULUM VULGARE DULCE OIL

Cas Number: 8006-84-6 Einecs Number: 282-892-3 Shelf Life / Best Before: 24 months

ANALYTICAL DETAILS	RANGE
Appearance	LIQUID
COLOUR	COLORLESS - PALE YELLOW
Odour	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.950 – 0.985
Refractive Index @ 20°C	1.520 – 1.560
OPTICAL ROTATION (°C)	0.0 то +25.0

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

October 2020

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Fennel Sweet Organic

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

26-05-2021