



## Composition Statement & Manufacturing Flow Chart:

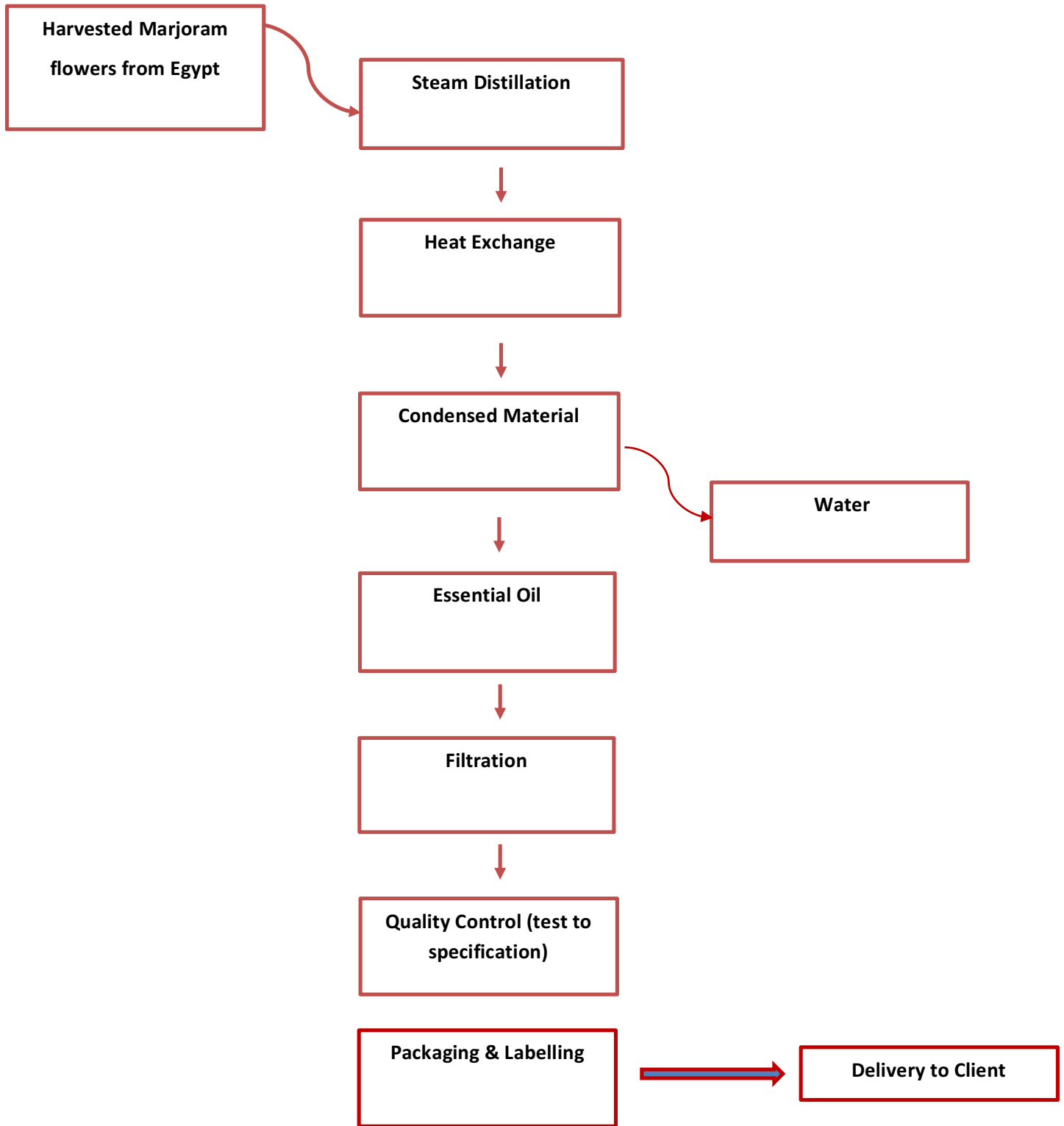
Naturally Balmy Ltd can hereby confirm the following composition breakdown & manufacturing process flow;

**Marjoram Sweet, Essential Oil**

INCI Name	% Inclusion	CAS Number
ORIGANUM MARJORANA LEAF OIL	100	84082-58-6

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

# NATURALLY BALMY





## GMO Statement

PRODUCT NAME: Marjoram Sweet

Naturally Balmy Ltd can confirm that the above listed product is GMO Free.

04/08/2020



## IFRA STATEMENT

PRODUCT NAME: MARJORAM SWEET, ESSENTIAL OIL

PRODUCT INCI: ORIGANUM MARJORANA LEAF OIL

CAS NUMBER: 84082-58-6

EINECS NUMBER: 282-004-4

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 24 MONTHS

NATURALLY BALMY LTD 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<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Linalool	78-70-6	< 25.0	Specification Std
Limonene	5989-27-5	< 5.0	Specification Std
Benzyl benzoate	120-51-4	< 0.1	Restriction Std (QRA Cat.)
Citronellol	106-22-9	< 0.1	Restriction Std (QRA Cat.)
Eugenol	97-53-0	< 0.1	Restriction Std (QRA Cat.)
Geraniol	106-24-1	< 0.2	Restriction Std (QRA Cat.)
Benzaldehyde	100-52-7	< 0.1	Restriction Std (QRA Cat.)
Carvone	99-49-0	< 0.1	Restriction Std (QRA Cat.)
trans-2-Hexenal	6728-26-3	< 0.1	Restriction Std (QRA Cat.)
Methyl eugenol from naturals	93-15-2	< 0.1	Restriction Std (non QRA)
Estragole (methyl chavicol)	140-67-0	< 0.1	Restriction Std (non QRA)
Furfural	98-01-1	< 0.1	Restriction Std (non QRA)



### Comments:

According to Cosmetic Regulation (EC) No 1223/2009 Annex III methyl eugenol is restricted to a maximum concentration in a ready to use preparation as follows

Eau de toilette - 0.004%

Fine fragrance – 0.01%

Fragrance cream - 0.002%

Other leave-on products and oral products - 0.0002%

Rinse-off products - 0.001%

IFRA Classes	% Maximum Use Level
Class 1	0.4
Class 2	0.4
Class 3A	8.0
Class 3B	20.0
Class 3C	0.4
Class 3D	0.4
Class 4A	8.0
Class 4B	20.0
Class 4C	0.4
Class 4D	4.0
Class 5	0.4
Class 6	1.0
Class 7A	0.4
Class 7B	0.4
Class 8A	0.4
Class 8B	1.0
Class 9A	1.0
Class 9B	10.0
Class 9C	10.0
Class 10A	10.0



Class 10B	0.4
Class 11	10.0

Finished product types	IFRA class
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, leave-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

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<p>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, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)</p>	Class 11.A
<p>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).</p>	Class 11.B

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## Material Safety Data Sheet

EU Regulation: 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 PRODUCT IDENTIFICATION</b>					
<b>PRODUCT NAME</b>	MARJORAM SWEET, ESSENTIAL				
<b>BIOLOGICAL DEFINITION</b>	ORIGANUM MAJORANA LEAF OIL IS THE VOLATILE OIL DISTILLED FROM THE LEAVES OF THE SWEET MARJORAM, ORIGANUM MAJORANA L., LABIATAE.				
<b>INCI NAME</b>	ORIGANUM MAJORANA LEAF OIL				
<b>SYNONYMS &amp; TRADE NAMES</b>	-				
<b>INTERNAL PRODUCT CODE</b>					
<b>CAS-No</b>	84082-58-6	<b>EC No.</b>	282-004-4	<b>EINECS No.</b>	282-004-4
<b>1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>COMPANY ADDRESS</b>	Naturally Balmy Ltd 8 Benson Road, Nuffield Industrial Estate, Poole, BH17 0GB				
<b>EMAIL</b>	sales@naturallybalmy.co.uk				
<b>1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b>					
<b>EMERGENCY CONTACTS</b>	01202 567046				





SECTION 2: HAZARDS IDENTIFICATION	
<b>2.1</b> CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
<b>CLASSIFICATION (67/548/EEC)</b>	THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.
<b>CLASSIFICATION (EU1272/2008)</b>	<p>PHYSICAL AND CHEMICAL HAZARDS: THIS SUBSTANCE DOES NOT PRESENT A PHYSICAL HAZARD. REFER TO THE COMMENDATIONS REGARDING THE OTHER PRODUCTS PRESENT ON THE SITE.</p> <p>HUMAN HEALTH: ASPIRATION HAZARD, CATEGORY 1 (ASP. TOX. 1, H304). MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.</p> <p>AND EYE ACUTE ORAL TOXICITY, CATEGORY 4 (ACUTE TOX. 4, H302). HARMFUL IF SWALLOWED. SKIN CORROSION, CATEGORY 1B (SKIN CORR. 1B, H314). CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.</p> <p>REACTION. SKIN SENSITISATION, CATEGORY SKIN SENS. 1B: H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.</p> <p>ENVIRONMENT: AQUATIC CHRONIC 2: H411 - TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</p>
<b>2.2</b> LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
<b>GHS LABEL</b>	    <p>GHS02      GHS07      GHS08      GHS09</p>
<b>SIGNAL WORD</b>	DANGER.
<b>CONTAINS</b>	EC 209-235-5 4-TERPINENOL 601-029-00-7 (R)-P-MENTHA-1,8-DIENE 604-032-00-1 THYMOL EC 207-889-6 CARVACROL
<b>HAZARDS STATEMENT</b>	H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>PRECAUTIONARY STATEMENTS</b>	P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P301 + P330 + P331 IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P302 + P352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P304 + P340 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P305 + P351 + P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P391 COLLECT SPILLAGE.
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	NONE.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b> OTHER HAZARDS	
<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	NO DATA
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	NO DATA.
<b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>	THE SUBSTANCE DOES NOT SATISFY THE PBT OR VPVP CRITERIA IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006.
SECTION 3: COMPOSITION OF INGREDIENTS	

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<b>3.2 MIXTURES</b>	<b>40.0% HYDROCARBONS</b> CLASSIFICATION (EC 1272/2008)	CAS-No: N/A GHS08, DGR, ASP. TOX. 1, H304	EC No: N/A
	<b>25.0% LINALOOL</b> CLASSIFICATION (EC 1272/2008)	CAS-No: 78-70-6 GHS07, WNG, SKIN IRRIT. 2, H315	EC No: 201-134-4
	<b>25.0% 4-TERPINENOL</b> CLASSIFICATION (EC 1272/2008)	CAS-No: 562-74-3 GHS02, GHS07, WNG, FLAM. LIQ. 3, H226, ACUTE TOX. 4, H302, SKIN IRRIT. 2, H315, EYE IRRIT. 2, H319	EC No: 209-235-5
	<b>5.0% D-LIMONENE</b> CLASSIFICATION (EC 1272/2008)	CAS-No: 5989-27-5 GHS02, GHS07, GHS09, WNG FLAM. LIQ. 3, H226, SKIN IRRIT. 2, H315, SKIN SENS. 1, H317, AQUATIC ACUTE 1, H400, M ACUTE = 1, AQUATIC CHRONIC 1, H410, M CHRONIC = 1	EC No: 227-813-5
	<b>5.0% THYMOL</b> CLASSIFICATION (EC 1272/2008)	CAS-No: 89-83-8 GHS05, GHS07, GHS09, DGR ACUTE TOX. 4, H302, SKIN CORR. 1B, H314, AQUATIC CHRONIC 2, H411	EC No: 201-944-8
	<b>1.0% CARVACROL</b> CLASSIFICATION (EC 1272/2008)	CAS-No: 49975-2 GHS07, GHS05, DGR, ACUTE TOX. 4, H302, EYE DAM. 1, H318	EC No: 207-889-6

## SECTION 4: FIRST AID MEASURES

<b>4.1</b> <b>DESCRIPTION OF FIRST AID MEASURES</b>	
<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
<b>INHALATION</b>	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
<b>INGESTION</b>	GET MEDICAL ATTENTION IMMEDIATELY. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
<b>SKIN CONTACT</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
<b>EYE CONTACT</b>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
<b>4.2</b> MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	INHALATION MAY CAUSE COUGHING AND DIFFICULTIES IN BREATHING. INGESTION IRRITATING TO THE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM. SKIN CONTACT TOXIC IN CONTACT WITH SKIN. EYE CONTACT MAY CAUSE EYE IRRITATION.
<b>4.3</b> INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.

## SECTION 5: FIRE FIGHTING MEASURES

<b>5.1</b> EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
<b>5.2</b> SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES
<b>5.3</b> 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

<b>6.1</b> 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.
<b>6.2</b> ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.

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<b>6.3</b> METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	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.
<b>6.4</b> REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.
<b>SECTION 7: HANDLING &amp; STORAGE</b>	
<b>7.1</b> 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.
<b>7.2</b> 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.
<b>7.3</b> SPECIFIC END USE(S)	NO DATA.
<b>SECTION 8: EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>	
<b>8.1</b> CONTROL PARAMETERS	NONE.
<b>8.2</b> EXPOSURE CONTROLS	
	
<b>EYE PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>HAND PROTECTION</b>	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
<b>RESPIRATORY EQUIPMENT</b>	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.
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>ENGINEERING MEASURES</b>	NONE.
<b>SKIN PROTECTION</b>	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
<b>OTHER PROTECTION</b>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
<b>ENVIROMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.
<b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>9.1</b> PHYSICAL & CHEMICAL PROPERTIES	




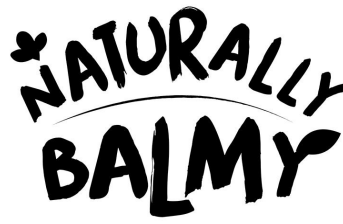
<b>APPEARANCE</b>	CLEAR
<b>COLOUR</b>	YELLOW – GREENISH YELLOW
<b>ODOUR</b>	CHARACTERISTIC, CITRUS, MANDARIN
<b>RELATIVE DENSITY</b>	0.890 - 0.906 @ 20°C
<b>FLASH POINT (°C)</b>	52°C
<b>REFRACTIVE INDEX @ 20 °C</b>	1.470 - 1.475 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE
<b>9.2 OTHER INFORMATION</b>	NO DATA
<b>SECTION 10: STABILITY &amp; REACTIVITY</b>	
<b>10.1 REACTIVITY</b>	NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.
<b>10.2 CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	NO.
<b>10.4 CONDITIONS TO AVOID</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
<b>10.5 INCOMPATIBLE MATERIALS</b>	STRONG OXIDISING SUBSTANCES.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>11.1 TOXICOLOGICAL EFFECTS</b>	
<b>ACUTE TOXICITY</b>	CARVACROL CAS 499-75-2 ORAL ROUTE (RAT) LD50 = 810MG/KG
<b>SKIN IRRITATION</b>	HARMFUL IF SWALLOWED. CORROSIVE REACTIONS ARE TYPIFIED BY ULCERS, BLEEDING, BLOODY SCABS, AND, BY THE END OF OBSERVATION AT 14 DAYS, BY DISCOLOURATION DUE TO BLANCHING OF THE SKIN, COMPLETE AREAS OF ALOPECIA, AND SCARS. MAY CAUSE AN ALLERGIC REACTION BY SKIN CONTACT.
<b>EYE DAMAGE OR IRRITATION</b>	NO DATA
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	MAY CAUSE IRREVERSIBLE DAMAGE TO THE SKIN; NAMELY, VISIBLE NECROSIS THROUGH THE EPIDERMIS AND INTO THE DERMIS, FOLLOWING EXPOSURE BETWEEN THREE MINUTES AND ONE HOUR.
<b>GERM CELL MUTAGENICITY</b>	NO DATA
<b>CARCINOGENICITY</b>	MONOGRAPH(S) FROM THE IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER): CAS 5989-27-5 : IARC GROUP 3 : THE AGENT IS NOT CLASSIFIABLE AS TO ITS CARCINOGENICITY TO HUMANS.
<b>REPRODUCTIVE TOXICITY</b>	NOT APPLICABLE.
<b>STOT – SINGLE EXPOSURE</b>	NOT APPLICABLE.
<b>STOT – REPEATED EXPOSURE</b>	NOT APPLICABLE.
<b>ASPIRATION HAZARD</b>	ASPIRATION TOXICITY INCLUDES SEVERE ACUTE EFFECTS SUCH AS CHEMICAL PNEUMONIA, VARYING DEGREES OF PULMONARY INJURY OR DEATH FOLLOWING ASPIRATION. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. ASPIRATION TOXICITY INCLUDES SEVERE ACUTE EFFECTS SUCH AS CHEMICAL PNEUMONIA, VARYING DEGREES OF PULMONARY INJURY OR DEATH FOLLOWING ASPIRATION.
<b>OTHER INFORMATION</b>	NO DATA.



<b>SECTION 12: ECOLOGICAL INFORMATION</b>	
<b>12.1 TOXICITY</b>	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. THE PRODUCT MUST NOT BE ALLOWED TO RUN INTO DRAINS OR WATERWAYS.
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	NO DATA
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	NO DATA
<b>12.4 MOBILITY IN SOIL</b>	NO DATA.
<b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	NO DATA.
<b>12.6 OTHER ADVERSE EFFECTS</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
<b>SECTION 13: DISPOSAL INFORMATION</b>	
<b>13.1 WASTE TREATMENT METHODS</b>	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.

<b>SECTION 14: TRANSPORT INFORMATION</b>	
<b>14.1 TRANSPORT INFORMATION</b>	
<b>UN NUMBER</b>	ROAD: 1169 RAIL: 1169 AIR: 1169
<b>14.2 UN SHIPPING NAME</b>	UN1169=EXTRACTS, AROMATIC, LIQUID
<b>14.3 TRANSPORT HAZARD CLASS(ES)</b>	ADR/RID/ADN CLASS: 3: FLAMMABLE LIQUID IMDG CLASS: 3 ICAO CLASS/DIVISION: 3  TRANSPORT LABELS  
<b>14.4 PACKING GROUP</b>	NONE.
<b>14.5 ENVIROMENTAL HAZARDS</b>	NO DATA.



<b>14.6</b> SPECIAL PRECAUTIONS FOR USER	ADR/RID Class: 3 Code: F1 PackGrp: III Label: 3 Ident: - LQ: 5L Provis: 601 EQ: E1 Cat: 3 Tunnel: E IMDG Class: 3 2*Label: - PackGrp: III LQ: 5L Provis: 223, 55 EQ: E1 IATA Class: 3 2*Label: - PackGrp: III Passenger: 355 Y344 Passenger: 60L 10L Cargo: 366L - Cargo: 220L - Note: A3 A3 EQ: E1 E1
	For limited quantities, see part 2.7 of the DACI/IATA and chapter 3.4 of the ADR and IMDG. For excepted quantities, see part 2.6 of the DACI/IATA and chapter 3.5 of the ADR and IMDG.
<b>14.7</b> TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	TARIFF NUMBER 3301192000.
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1</b> PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
<b>EU DIRECTIVES</b>	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 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).
<b>STATUTORY INSTRUMENTS</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
<b>APPROVED CODE OF PRACTICE</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>GUIDANCE NOTES</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2</b> CHEMICAL SAFETY ASSESSMENT	-

<b>SECTION 16: OTHER INFORMATION</b>	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H318 CAUSES SERIOUS EYE DAMAGE. H319 CAUSES SERIOUS EYE IRRITATION. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.



<b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b>	
<b>ABBREVIATIONS &amp; ACRONYMS:</b>	
<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
<b>ICAO</b>	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
<b>ADN</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
<b>GHS</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
<b>TREM CARD</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

<b>DOCUMENTATION REVISION</b>	
<b>DATE</b>	<b>CHANGE DESCRIPTION</b>
<b>10<sup>TH</sup> APRIL 2018</b>	<b>DATA LAUNCH</b>



## SPECIFICATION SHEET

**PRODUCT NAME:** MARJORAM SWEET, ESSENTIAL OIL

**PRODUCT INCI:** ORIGANUM MARJORANA LEAF OIL

**CAS NUMBER:** 84082-58-6

**EINECS NUMBER:** 282-004-4

**MANUFACTURING METHOD:** STEAM DISTILLED

**SHELF LIFE / BEST BEFORE:** 24 MONTHS

ANALYTICAL DETAILS	RANGE
APPEARANCE	LIQUID
COLOUR	YELLOW - GREEN
ODOUR	CHARACTERISTIC, SWEET
SPECIFIC GRAVITY @ 20°C	0.890 – 0.906
REFRACTIVE INDEX @ 20°C	1.468 – 1.480
OPTICAL ROTATION (°C)	+14.0 TO +24.0

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

### DOCUMENTATION REVIEW DATE:

24<sup>TH</sup> MAY 2018

*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*





## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Marjoram Sweet

Naturally Balmy Ltd 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.

04/08/2020