



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	NUTMEG, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	MYRISTICA FRAGRANS FRUIT OIL (NUTMEG) IS AN ESSENTIAL OIL STEAM-DISTILLED FROM THE DRIED KERNELS OF THE RIPE SEEDS OF THE NUTMEG, MYRISTICA FRAGRANS, MYRISTICACEAE.				
INCI NAME	MYRISTICA FRAGRANS FRUIT OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0307				
CAS-No	84082-68-8	EC No.	282-013-3	EINECS No.	282-013-3
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
COMPANY ADDRESS	Essican Purelife Unit 2A, Hollow wood road, Dover, Kent, CT17 0UB, England.				
EMAIL	SALES@PURELIFEUK.CO.UK				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
EMERGENCY CONTACTS	01304 273111				

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SECTION 2: HAZARDS IDENTIFICATION	
2.1	
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (EU 1272/2008)	PHYSICAL HAZARDS: FLAM. LIQ. 3 – H226 HEALTH HAZARDS: ACUTE TOX. 4 – H302, ASP TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1B – H317, EYE IRRIT. 2 – H319, MUTA.2 – H341, CARC. 1B – H350, REPR. 2 – H361 ENVIRONMENTAL HAZARDS: AQUATIC ACUTE 1 – H400, AQUATIC CHRONIC 1 - H410
2.2	
LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
GHS LABEL	    GHS07 GHS02 GHS08 GHS09
SIGNAL WORD	DANGER.
CONTAINS	SABINENE, ALPHA-PINENE, BETA-PINENE, D-LIMONENE, SAFROLE
HAZARDS STATEMENT	H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H341 SUSPECTED OF CAUSING GENETIC DEFECTS. H350 MAY CAUSE CANCER. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS.
PRECAUTIONARY STATEMENTS	P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. P240 GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT. P242 USE NON-SPARKING TOOLS. P243 TAKE ACTION TO PREVENT STATIC DISCHARGES. P261 AVOID BREATHING VAPOURS/SPRAY. P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR. P303+P361+P353 IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P308+P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. P331 DO NOT INDUCE VOMITING. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P370+P378 IN CASE OF FIRE: USE CARBON DIOXIDE, DRY CHEMICAL, FOAM TO EXTINGUISH. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.
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

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SECTION 3: COMPOSITION OF INGREDIENTS

3.2 MIXTURES

25.0 – 35.0% SABINENE CAS No: 3387-41-5 EC No: 222-212-4

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304

10.0 – 20.0% ALPHA-PINENE CAS No: 80-56-8 EC No: 201-291-9

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

5.0 – 15.0% BETA-PINENE CAS No: 127-91-3 EC No: 204-872-5

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

≤ 10.1% D-LIMONENE CAS No: 5989-27-5 EC No: 227-813-5

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

5.0 – 10.0% TERPINEN-4-OL CAS No: 562-74-3 EC No: 209-235-5

CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, SKIN SENS. 1A - H317, EYE IRRIT. 2 - H319, STOT SE 3 - H336

4.0 – 8.0% GAMMA-TERPINENE CAS No: 99-85-4 EC No: 202-794-6

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, REPR. 2 - H361, AQUATIC CHRONIC 2 - H411

1.0 – 5.0% ALPHA-TERPINENE CAS No: 99-86-5 EC No: 202-795-1

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319, AQUATIC CHRONIC 2 - H411

1.0 – 5.0% MYRCENE CAS No: 123-35-3 EC No: 204-622-5

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

1.0 – 5.0% ALPHA-THUJENE CAS No: 2867-05-2 EC No: 220-686-7

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN SENS. 1B - H317

1.0 – 5.0% ALPHA-TERPINOLENE CAS No: 586-62-9 EC No: 209-578-0

CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

≤ 1.92% SAFROLE CAS No: 94-59-7 EC No: 202-345-4

CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, MUTA. 2 - H341, CARC. 1B - H350

1.0 – 5.0% DELTA-3-CARENE CAS No: 13466-78-9 EC No: 236-719-3

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1A - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410

1.0 – 5.0% ALPHA-PHELLANDRENE CAS No: 99-83-2 EC No: 202-792-5

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304

1.0 – 2.0% P-CYMENE CAS No: 99-87-6 EC No: 202-796-7

CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, STOT SE 3 - H335

≤ 0.91% METHYL EUGENOL CAS No: 93-15-2 EC No: 202-223-0

CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, MUTA. 2 - H341, CARC. 1B - H350

≤ 0.41 LINALOOL CAS No: 78-70-6 EC No: 201-134-4

CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319

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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	DO NOT INDUCE VOMITING. INGESTION MAY CAUSE NAUSEA AND VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH AIR. GET MEDICAL ADVICE/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)	NO ADDITIONAL INFORMATION.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY
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 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.
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.
6.4 REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTIONS 4, 7, 8 & 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	

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8.1 CONTROL PARAMETERS	LINALOOL (CAS: 78-70-6) INGREDIENT COMMENTS : NO EXPOSURE LIMITS NOTED FOR INGREDIENT(S).
8.2 EXPOSURE CONTROLS	
	
EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
HAND PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.
RESPIRATORY EQUIPMENT	GENERALLY UNNECESSARY IN A WELL VENTILATED AREA. IF VENTILATION IS INSUFFICIENT, RESPIRATORY PROTECTION MUST BE WORN.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION.
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. USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.
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. ONLY ELIMINATE BY AUTHORISED COMPANIES.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 PHYSICAL & CHEMICAL PROPERTIES	
APPEARANCE	LIQUID
COLOUR	PALE YELLOW
ODOUR	CHARACTERISTIC OF NUTMEG
RELATIVE DENSITY	APPROX. 0.882 @ 20°C
FLASH POINT (°C)	36°C
REFRACTIVE INDEX @ 20 °C	APPROX. 1.481 @ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER
9.2 OTHER INFORMATION	NO ADDITIONAL DATA AVAILABLE.

SECTION 10: STABILITY & REACTIVITY

10.1 REACTIVITY	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS. STABLE UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.
10.2 CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE
10.4 CONDITIONS TO AVOID	KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS SO AS TO PREVENT THE FORMATION OF PEROXIDES AND PRODUCT DETERIORATION.
10.5 INCOMPATIBLE MATERIALS	AVOID CONTACT WITH STRONG ACIDS, ALKALIS OR OXIDISING AGENTS.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	NOT EXPECTED UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE. THERMAL DECOMPOSITION MAY RELEASE /FORM OXIDES OF CARBON (CARBON MONOXIDE, CARBON DIOXIDE) AND OTHER

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	TOXIC GASES.
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SECTION 11: TOXICOLOGICAL INFORMATION

11.1

TOXICOLOGICAL EFFECTS

ACUTE TOXICITY	HARMFUL IF SWALLOWED.
SKIN IRRITATION	CAUSES SKIN IRRITATION.
EYE DAMAGE OR IRRITATION	CAUSES SERIOUS EYE IRRITATION
RESPIRATORY OR SKIN SENSITIVITY	SKIN – MAY CAUSE AN ALLERGIC SKIN REACTION
GERM CELL MUTAGENICITY	SUSPECTED OF CAUSING GENETIC DEFECTS
CARCINOGENICITY	MAY CAUSE CANCER
REPRODUCTIVE TOXICITY	SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD
STOT – SINGLE EXPOSURE	NOT CLASSIFIED
STOT – REPEATED EXPOSURE	NOT CLASSIFIED
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS
OTHER INFORMATION	NO ADDITIONAL DATA AVAILABLE.

SECTION 12: ECOLOGICAL INFORMATION

12.1

TOXICITY

VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS.

12.2

PERSISTENCE & DEGRADABILITY

NO DATA

12.3

BIO- ACCUMULATIVE POTENTIAL

NO DATA

12.4

MOBILITY IN SOIL

NO DATA.

12.5

RESULTS OF PBT & VPVB ASSESSMENT

NO DATA

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

DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS.

WASTE:

WASTE MANAGEMENT IS CARRIED OUT WITHOUT ENDANGERING HUMAN HEALTH, WITHOUT HARMING THE ENVIRONMENT AND, IN PARTICULAR WITHOUT RISK TO WATER, AIR, SOIL, PLANTS OR ANIMALS. RECYCLE OR DISPOSE OF WASTE IN COMPLIANCE WITH CURRENT LEGISLATION, PREFERABLY VIA A CERTIFIED COLLECTOR OR COMPANY.

DO NOT CONTAMINATE THE GROUND OR WATER WITH WASTE. DO NOT DISPOSE OF WASTE INTO THE ENVIRONMENT.

SOILED PACKAGING:

EMPTY CONTAINER COMPLETELY. KEEP LABEL(S) ON CONTAINER.

DISPOSE OF VIA A CERTIFIED DISPOSAL CONTRACTOR.

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SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
UN NUMBER	ROAD: 1169 RAIL: 1169 AIR: 1169
14.2 UN SHIPPING NAME	EXTRACTS, AROMATIC, LIQUID
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID ADR/RID— CLASS 3 ADR CLASSIFICATION CODE — F1 SPECIAL PROVISIONS — 601 604E LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 EMERGENCY ACTION CODE — 3Y TUNNEL RESTRICTION CODE — D/E IMDG IMDG — CLASS 3 SPECIAL PROVISIONS — 601 640E LIMITED QUANTITIES — 5L EXPECTED QUANTITIES — E1 IMDG EMS — F-E, S-D STOWAGE AND HANDLING — CATEGORY A ICAO/IATA ICAO/IATA— CLASS 3 IATA PROPER SHIPPING NAME - EXTRACTS, AROMATIC, LIQUID EXPECTED QUANTITIES — E1 TRANSPORT LABELS 
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
14.5 ENVIROMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT 
14.6 SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6 — 8.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NOT APPLICABLE
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

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	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	AN ASSESSMENT HAS NOT BEEN EXECUTED AS THIS IS NOT A HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

SECTION 16: OTHER INFORMATION

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. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H335 MAY CAUSE RESPIRATORY IRRITATION. H336 MAY CAUSE DROWSINESS OR DIZZINESS. H341 SUSPECTED OF CAUSING GENETIC DEFECTS. H350 MAY CAUSE CANCER. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. 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.
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.
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

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DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 TH APRIL 2018	DATA LAUNCH
FEBRUARY 2021	REVIEW

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IFRA STATEMENT

PRODUCT NAME: **NUTMEG, ESSENTIAL OIL**

PRODUCT INCI: MYRISTICA FRAGRANS FRUIT OIL

PRODUCT CODE: K0307

ESSICAN PURELIFE 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
Limonene	5989-27-5	≤ 10.10	Specification
Linalool	78-70-6	≤ 0.41	Specification
Citronellol	106-22-9	≤ 0.02	Restriction
Eugenol	97-53-0	≤ 0.20	Restriction
Isoeugenol	97-54-1	≤ 0.10	Restriction
Safrole	94-59-7	≤ 1.92	Prohibition, Restriction
Methyl Eugenol	93-15-2	≤ 0.91	Restriction

Additional comments:

Flavour use consideration - Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavouring ingredient as defined by the IOFI Code of Practice (www.iofi.org). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

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

Fine fragrance – 0.01%

Eau de toilette - 0.004%

Fragrance cream - 0.002%

Rinse-off products - 0.001%

Other leave-on products and oral products - 0.0002%

*Safrole as such should not be used as a fragrance ingredient; essential oils containing safrole should not be used at a level such that the total concentration of safrole exceeds 0.01% in the finished product.

The total concentration of safrole, isosafrole and dihydrosafrole should not exceed 0.01% in the finished product.

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IFRA Category	% Maximum Use Level
IFRA Category 1	0.06
IFRA Category 2	0.25
IFRA Category 3	0.03
IFRA Category 4	0.52
IFRA Category 5A	0.22
IFRA Category 5B	0.06
IFRA Category 5C	0.06
IFRA Category 5D	0.02
IFRA Category 6	0.15
IFRA Category 7A	0.06
IFRA Category 7B	0.06
IFRA Category 8	0.02
IFRA Category 9	0.10
IFRA Category 10A	0.10
IFRA Category 10B	0.35
IFRA Category 11A	0.02
IFRA Category 11B	0.02
IFRA Category 12	0.52

IFRA Category	Product Type	Flavour Use	Phototoxicity
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 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	No	Applicable (leave-on products)
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	No	Applicable (leave-on products)
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable

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			(leave-on products)
Category 9	Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets	NO	Applicable (rinse-off products)
Category 10A	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)

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ALLERGEN STATEMENT

PRODUCT NAME: **NUTMEG, ESSENTIAL OIL**

PRODUCT CODE: K0307

COSMETIC ALLERGENS

Annex IIIa Reference:		CAS NUMBER:	TOTAL ALLERGEN 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	≤ 0.20
72	HYDROXY-CITRONELLAL	107-75-5	0.000
73	ISO EUGENOL	97-54-1	≤ 0.10
74	AMYL CINNAMYL 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	≤ 0.41
85	BENZYL BENZOATE	120-51-4	0.000
86	CITRONELLOL	106-22-9	≤ 0.02
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	≤ 10.10
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
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.000

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FOOD ALLERGENS

Annex IIIa Reference:		PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY PRESENCE:
1	CEREALS (<i>CONTAINING GLUTEN</i>)	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

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