CERTIFICATE OF ANALYSIS

PRODUCT NAME: FRANGIPANI, ABSOLUTE

Batch Number: 4506109

PRODUCT INCI: PARFUM

PRODUCT CODE: OAFRAN

CAS NUMBER: N/A

EINECS NUMBER: N/A

MANUFACTURING METHOD: SOLVENT EXTRACTION

Best Before End: MAY 2026

ANALYTICAL DETAILS	Range	RESULTS
Appearance	Viscous Liquid	-
COLOUR	CLEAR – LIGHT BROWN – ORANGE - RED	-
Odour	CHARACTERISTIC	-
Specific Gravity @ 200C	0.990 - 1.010	0.999
Refractive Index @ 200C	1.486 - 1.498	1.490
OPTICAL ROTATION @ 200C	-5.0 то +10.0	+7.0
STORAGE CONDITI	ONS	

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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 with MADAR Corporation 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 from MADAR Corporation.

ALLERGEN STATEMENT

PRODUCT NAME: FRANGIPANI, ABSOLUTE PARFUM

COSMETIC ALLERGENS

Annex Illa			TOTAL ALLERGEN
Reference:		CAS NUMBER:	INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	-
68	BENZYL ALCOHOL	100-51-6	≤ 1.7236
69	CINNAMYL ALCOHOL	104-54-1	≤ 0.1033
70	CITRAL	5392-40-5	≤ 0.2406
71	EUGENOL	97-53-0	≤ 4.0565
72	HYDROXY-CITRONELLAL	107-75-5	≤ 1.2880
73	ISO EUGENOL	97-54-1	≤ 0.0238
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	-
75	BENZYL SALICYLATE	118-58-1	≤7.5172
76	CINNAMAL	104-55-2	≤ 0.0055
77	COUMARIN	91-64-5	≤ 1.2503
78	GERANIOL	106-24-1	≤ 1.5432
79	HYDROXYISOHEXYL 3-CYCLOHEXENE	31906-04-4	-
79	CARBOXALDEHYDE	51900-04-4	-
80	ANISE ALCOHOL	105-13-5	≤ 0.0206
81	BENZYL CINNAMATE	103-41-3	≤ 0.0669
82	FARNESOL	4602-84-0	≤ 0.2140
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	-
84	LINALOOL	78-70-6	≤ 3.6274
85	BENZYL BENZOATE	120-51-4	≤ 0.7409
86	CITRONELLOL	106-22-9	≤ 2.9653
87	HEXYL CINNAM-ALDEHYDE	101-86-0	-
88	LIMONENE	5989-27-5	≤ 6.1678
89	METHYL 2-OCTYNOATE	111-12-6	-
90	ALPHA-ISOMETHYL IONONE	127-51-5	≤ 1.0813
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	-
173	METHYL OCTINE CARBONATE	111-80-8	≤ 0.0050

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

01-04-2022

GMO STATEMENT

We hereby state and certify that the Frangipani, Absolute Parfum sold by us is not derived/ produced from a raw material that has been genetically modified.

CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PARTY:

MADAR Corporation Limited 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA

CERTIFICATE DELIVERED TO:

MADAR Corporation Limited

SCOPE OF THE CERTIFICATE:

Frangipani PQ 3% Dilution Madar Corp

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January 2020), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	Not approved
IFRA Category 2	62.50%
IFRA Category 3	27.77%
IFRA Category 4	Not limited
IFRA Category 5A	41.66%
IFRA Category 5B	34.72%
IFRA Category 5C	34.72%
IFRA Category 5D	11.80%
IFRA Category 6	Not approved
IFRA Category 7A	27.77%
IFRA Category 7B	27.77%
IFRA Category 8	11.80%
IFRA Category 9	69.44%
IFRA Category 10A	69.44%
IFRA Category 10B	Not limited
IFRA Category 11A	11.80%
IFRA Category 11B	11.80%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact MADAR Corporation Limited

ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture Frangipani PQ 3% Dilution Madar Corp is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
2-Methyl-3-(p-isopropylphenyl)propionaldehyde	103-95-7	0.0432%
Citronellol	106-22-9, 1117-61-9, 26489-01-0, 6812-78-8, 141-25-3, 68916-43-8, 7540-51-4	0.0504%
Coumarin	91-64-5	0.0216%
Geraniol	106-24-1	0.0360%
Methyl ionone, mixed isomers	1335-46-2, 127-42-4, 127-43-5, 127- 51-5, 7779-30-8, 79-89-0	0.0216%
alpha-Hexylcinnamaldehyde	101-86-0	0.0432%
p-t-Butyl-alpha-methylhydrocinnamic aldehyde	80-54-6	0.1440%

Regulatory Affairs Department

ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, 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
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non- cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: 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)
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); 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; Dishwash 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)

Material Safety Data Sheet

EU Regulation: 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING					
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	Frangipani , A bsoi	LUTE PARFUM			
BIOLOGICAL DEFINITION	MIXED NATURAL AND SYNTHETIC FRAGRANCE COMPOSITION.				
INCI NAME	Parfum				
Synonyms & Trade Names	-				
INTERNAL PRODUCT CODE					
CAS-No	Not Listed	EC No.	Not Listed	EINECS No.	Not Listed
1.2 Details of the supplier of the safety data sheet					
COMPANY ADDRESS	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA				
EMAIL	technical@madarcorpo	oration.co.uk			
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
Emergency Contacts	01425 655 555				

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 (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	Skin irritation, Category 2. Serious eye damage, Category 1. Skin sensitisation, Category 1. Hazardous to the aquatic environment - Acute hazard, Category 2. Hazardous to the aquatic environment - Chronic hazard, Category 2. This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.
2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.
GHS LABEL	GHS05 GHS07 GHS09
Signal Word	Danger
Contains	3-Phenyl-1-propanol, Geraniol
HAZARDS STATEMENT	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statements	P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. P333+P313 - IF skin irritation or rash occurs: Get medical advice/attention. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	No additional data available
S	Section 16 (Other Information): Risk & Safety phrases in full.
2.3 Other Hazards	
Adverse Physio-Chemical Properties	NO DATA.
	NO DATA.
Adverse effects on human health	

SECTION 3: COMPOSITION OF INGREDIENTS

CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 S - 10% BENZYL ACETATE CLASSIFICATION (EC 1272/2008) CAS NO: 140-11-4 EC NO: 205-399-7 AQUATIC CHRONIC 3, H412 CAS NO: 118-58-1 EC NO: 204-262-9 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, AQUATIC CHRONIC 3, H412, SKIN SENS. 1B, H317 S6-1678% D-LIMONENE CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, AQUATIC CHRONIC 3, H412, SKIN SENS. 1B, H317 S6-1678% D-LIMONENE CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, AQUATIC CHRONIC 3, H412, SKIN SENS. 1B, H317 S6-1678% D-LIMONENE CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1, H417, AQUATIC CHRONIC 3, H42, SKIN SENS. 1B, H317 S4-0565% EUGENOL CLASSIFICATION (EC 1272/2008) CAS NO: 97-53-0 EC NO: 202-589-1 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 CAS NO: 100-57-6 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 CAS NO: 102-97-4 EC NO: 204-587-6 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 SKIN SENS. 1B, H317 SKIN SENS. 1B, H317 S1-7236% BENZYL ALCOPAL CAS NO: 106-52-9 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 S1-7236% BENZYL ALCOPAL CAS NO: 100-51-6 <th></th>	
CLASSIFICATION (EC 1272/2008) AQUATIC CHRONIC 3, H412 ST.5172% BENZYL SALICYLATE CLASSIFICATION (EC 1272/2008) CAS NO: 118-58-1 EC NO: 204-262-9 S6.1678% D-LIMONENE CLASSIFICATION (EC 1272/2008) CAS NO: 5989-27-5 EC NO: 202-2813-5 SCLASSIFICATION (EC 1272/2008) FLAM. LIG. 3, H226, ASP. TOX. 1, H304 SKIN IRRIT. 2, H315, SKIN SENS. 1, H317, AQUATIC CHRONIC 1, H4 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) CAS NO: 79-53-0 EC NO: 202-589-1 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 S3.6274% LINALOOL CLASSIFICATION (EC 1272/2008) CAS NO: 78-70-6 EC NO: 201-134-4 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 1-5% 3-PHENYL-1-PROPANOL CLASSIFICATION (EC 1272/2008) CAS NO: 78-70-6 EC NO: 201-134-4 S2.9653% CITRONELOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 1-5% 3-PHENYL-1-PROPANOL CLASSIFICATION (EC 1272/2008) CAS NO: 106-22-9 EC NO: 203-375-0 CLAS NO: 106-22-9 EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 S1.7236% BENZYL ALCOHOL CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 (DRAL), H302, EYE IRRIT. 2, H319, ACUTE TOX. 4 (INHALATION), H332 CAS NO: 121-33-5 EC NO: 202-2859-9	
CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, AQUATIC CHRONIC 3, H412, SKIN SENS. 18, H317 S6.1678% D-LIMONENE CLASSIFICATION (EC 1272/2008) CAS NO: 5989-27-5 EC NO: 227-813-5 SKIN SENS. 1, H317, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H4 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H317, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H4 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 18, H317 S3.6274% LINALOOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H315, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H315, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H315, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H315, SKIN SENS. 18, H317 S4.0565% EUGENOL CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) S4.05 VANILLIN CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, ACUTE TOX. 4 (INHALATION), H332 3.2 MIX	
CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3, H226, ASP. TOX. 1, H304 SKIN IRRT. 2, H315, SKIN SENS. 1, H317, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 1, H4 S4.0565% EUGENOL CAS No: 97-53-0 EC No: 202-589-1 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 S3.6274% LINALOOL CAS No: 78-70-6 EC No: 201-134-4 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 1-5% 3-PHENYL-1-PROPANOL CAS No: 78-70-6 EC No: 204-587-6 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 1-5% 3-PHENYL-1-PROPANOL CAS No: 106-22-9 EC No: 204-587-6 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 S1.7236% BENZYL ALCOHOL CAS No: 100-51-6 EC No: 202-859-9 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H319, ACUTE TOX. 4 3.2 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319 3.2 MIXTURES CAS NO: 93-16-3 EC NO: 202-224-6 3.2 CLASSIFICATION (EC 1272/2008) SKIN SENS. 1B, H317	
CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN SENS. 1B, H317 S3.6274% LINALOOL CLASSIFICATION (EC 1272/2008) CAS NO: 78-70-6 EC NO: 201-134-4 EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 1-5% 3-PHENYL-1-PROPANOL CLASSIFICATION (EC 1272/2008) CAS NO: 122-97-4 EC NO: 204-587-6 EYE DAM. 1, H318, SKIN CORR. 1B, H314 2.9653% CITRONELLOL CLASSIFICATION (EC 1272/2008) CAS NO: 106-22-9 EC NO: 203-375-0 EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 3.17236% BENZYL ALCOHOL CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 EYE IRRIT. 2, H319, SKIN IRRIT. 2, H319, ACUTE TOX. 4 (INHALATION), H332 1-5% VANILLIN CLASSIFICATION (EC 1272/2008) CAS NO: 121-33-5 EC NO: 204-465-2 EYE IRRIT. 2, H319 3.2 MIXTURES 1-5% ISOEUGENYL METHYL ETHER CLASSIFICATION (EC 1272/2008) CAS NO: 93-16-3 EC NO: 202-224-6	0
CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 1-5% 3-PHENYL-1-PROPANOL CLASSIFICATION (EC 1272/2008) CAS NO: 122-97-4 EC NO: 204-587-6 22.9653% CITRONELLOL CLASSIFICATION (EC 1272/2008) CAS NO: 106-22-9 EC NO: 203-375-0 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 <1.7236% BENZYL ALCOHOL CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) <1-5% VANILLIN (INHALATION), H332 CAS NO: 121-33-5 EC NO: 204-465-2 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319 3.2 MIXTURES 1-5% ISOEUGENYL METHYL ETHER CLASSIFICATION (EC 1272/2008) CAS NO: 93-16-3 EC NO: 202-224-6 CLASSIFICATION (EC 1272/2008)	
CLASSIFICATION (EC 1272/2008) EYE DAM. 1, H318, SKIN CORR. 1B, H314 \$2.9653% CITRONELLOL CAS NO: 106-22-9 EC NO: 203-375-0 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 \$1.7236% BENZYL ALCOHOL CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 CLASSIFICATION (EC 1272/2008) CAS NO: 121-33-5 EC NO: 204-465-2 CLASSIFICATION (EC 1272/2008) CAS NO: 121-33-5 EC NO: 204-465-2 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319 EYE IRRIT. 2, H319 3.2 I-5% ISOEUGENYL METHYL ETHER CAS NO: 93-16-3 EC NO: 202-224-6 CLASSIFICATION (EC 1272/2008) SKIN SENS. 1B, H317 EC NO: 202-224-6	
CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317 \$ \$ 1.7236% BENZYL ALCOHOL CLASSIFICATION (EC 1272/2008) CAS NO: 100-51-6 EC NO: 202-859-9 Acute Tox. 4 (Oral), H302, EYE IRRIT. 2, H319, Acute Tox. 4 (INHALATION), H332 Acute Tox. 4 (Oral), H302, EYE IRRIT. 2, H319, Acute Tox. 4 1-5% VANILLIN CLASSIFICATION (EC 1272/2008) CAS NO: 121-33-5 EC NO: 204-465-2 1-5% ISOEUGENYL METHYL ETHER CLASSIFICATION (EC 1272/2008) CAS NO: 93-16-3 EC NO: 202-224-6 3.2 MIXTURES 1-5% ISOEUGENYL METHYL ETHER CLASSIFICATION (EC 1272/2008) CAS NO: 93-16-3 EC NO: 202-224-6	
CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 (ORAL), H302, EYE IRRIT. 2, H319, ACUTE TOX. 4 (INHALATION), H332 1 – 5% VANILLIN CAS NO: 121-33-5 EC NO: 204-465-2 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319 3.2 MIXTURES CAS NO: 93-16-3 EC NO: 202-224-6	
CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319 3.2 MIXTURES 1 – 5% ISOEUGENYL METHYL ETHER CAS NO: 93-16-3 EC NO: 202-224-6	
3.2 Classification (EC 1272/2008) Skin Sens. 1B, H317	
≤1.2503% COUMARIN CAS NO: 91-64-5 EC NO: 202-086-7 Classification (EC 1272/2008) Acute Tox. 3 (Oral), H301, Acute Tox. 3 (Dermal), H311 Skin Sens. 1, H317, Acute Tox. 3 (Inhalation) H331, Aquatic Chronic 2, H411	
1 – 5% Alpha-iso-Methylionone CAS No: 127-51-5 EC No: 204-846-3 Classification (EC 1272/2008) Aquatic Chronic 2, H411, Skin Sens. 1B, H317, Skin Irrit. 2, H315	
≤1.5432% Geraniol CAS No: 106-24-1 EC No: 203-377-1 Classification (EC 1272/2008) Skin Sens. 1B, H317, Skin Irrit. 2, H315, Eye Dam. 1, H318	
≤1% p-Anisyl Acetate CAS No: 104-21-2 EC No: 203-185-8 Classification (EC 1272/2008) Skin Sens. 1B, H317	
≤ 0.7409% BENZYL BENZOATE CAS NO: 120-51-4 EC NO: 204-402-9 CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 (ORAL), H302, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 2, H411	
≤1% NEROL CAS NO: 106-25-2 EC NO: 203-378-7 CLASSIFICATION (EC 1272/2008) EYE IRRIT. 2, H319, SKIN IRRIT. 2, H315, SKIN SENS. 1B, H317	
≤1% Nerolidol (isomer unspecified) CAS No: 7212-44-4 EC No: 230-597-5 Classification (EC 1272/2008) Eye Irrit. 2, H319, Aquatic Acute 1, H400, Aquatic Chronic 1, H41 Skin Sens. 1B, H317	0,
≤1% Methyl atrarate CAS NO: 4707-47-5 EC NO: 225-193-0 Classification (EC 1272/2008) Skin Sens. 1B, H317	
≤1% Geranyl acetate CAS NO: 105-87-3 EC NO: 203-341-5 Classification (EC 1272/2008) Skin Sens. 1B, H317, Skin Irrit. 2, H315, Aquatic Chronic 3, H412	

\leq 1% cis-3-Hexenyl benzoate Classification (EC 1272/2008)	CAS NO: 25152-85-6 EC NO: 246-669-4 Aquatic Chronic 2, H411, Skin Sens. 1B, H317
≤1% GAMMA-TERPINENE (P-MENT Classification (EC 1272/2008)	THA-1,4-DIENE) CAS NO: 99-85-4 EC NO: 202-794-6 Flam. Liq. 3, H226, Repr. 2, H361, Aquatic Chronic 2, H411
≤1% INDOLE Classification (EC 1272/2008)	CAS NO: 120-72-9 EC NO: 204-420-7 Acute Tox. 3 (Dermal), H311, Acute Tox. 4 (Oral), H302, Eye Dam. 1, H318, Skin Sens. 1, H317
≤1% L-ALPHA-PINENE CLASSIFICATION (EC 1272/2008)	CAS NO: 7785-26-4 EC NO: 232-077-3 Flam. Liq. 3, H226, Acute Tox. 4 (Oral), H302, Skin Irrit. 2, H315, Skin Sens. 1B, H317, Asp. Tox. 1, H304, Aquatic Acute 1, H400, Aquatic Chronic 1, H410
≤1% Oxacyclohexadecen-2-on Classification (EC 1272/2008)	RE CAS NO: 34902-57-3 EC NO: 609-040-9 Aquatic Acute 1, H400, Aquatic Chronic 1, H410
≤0.2406% Citral Classification (EC 1272/2008)	CAS NO: 5392-40-5 EC NO: 226-394-6 Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1, H317
≤1% cis-alpha-Santalol Classification (EC 1272/2008)	CAS NO: 115-71-9 EC NO: 204-102-8 Skin Sens. 1B, H317
	CAS NO: 4602-84-0 EC NO: 225-004-1 Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1B, H317, Aquatic Acute 1, H400, Aquatic Chronic 1, H410
≤1% BETA-PINENE CLASSIFICATION (EC 1272/2008)	CAS NO: 127-91-3 EC NO: 204-872-5 Asp. Tox. 1, H304, Aquatic Acute 1, H400, Aquatic Chronic 1, H410, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1B, H317
≤1% ALPHA-PINENE CLASSIFICATION (EC 1272/2008)	CAS NO: 80-56-8 EC NO: 201-291-9 Flam. Liq. 3, H226, Acute Tox. 4 (Oral), H302, Skin Irrit. 2, H315, Skin Sens. 1B, H317, Asp. Tox. 1, H304, Aquatic Acute 1, H400, Aquatic Chronic 1, H410
≤0.0238% Isoeugenol Classification (EC 1272/2008)	CAS NO: 97-54-1 EC NO: 202-590-7 Acute Tox. 4 (Dermal), H312, Acute Tox. 4 (Inhalation), H332, Acute Tox. 4 (Oral), H302, Eye Irrit. 2, H319, Skin Irrit. 2, H315, Skin Sens. 1A, H317
≤0.1033% CINNAMYL ALCOHOL CLASSIFICATION (EC 1272/2008)	CAS NO: 104-54-1 EC NO: 203-212-3 Acute Tox. 4, H302, Skin Sens. 1B, H317, Aquatic Chronic 2, H411
≤1% Myrcene Classification (EC 1272/2008)	CAS NO: 123-35-3 EC NO: 204-622-5 ASP. TOX. 1, H304, EYE IRRIT. 2, H319, AQUATIC ACUTE 1, H400, AQUATIC CHRONIC 2, H411, FLAM. LIQ. 3, H226, SKIN IRRIT. 2, H315
≤1% Neryl acetate Classification (EC 1272/2008)	CAS NO: 141-12-8 EC NO: 205-459-2 Skin Sens. 1B, H317
≤1% Citronellyl formate Classification (EC 1272/2008)	CAS NO: 105-85-1 EC NO: 203-338-9 Skin Irrit. 2, H315, Skin Sens. 1B, H317
≤1% Styrene Classification (EC 1272/2008)	CAS No: 100-42-5 EC No: 202-851-5 ASP. TOX. 1, H304, ACUTE TOX. 4 (INHALATION), H332, EYE IRRIT. 2, H319, AQUATIC CHRONIC 3, H412, FLAM. LIQ. 3, H226, REPR. 2, H361, SKIN IRRIT. 2, H315, STOT RE 1, H372. STOT SE 3, H335

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
INHALATION	ATTENTION.
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALL THE DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL
INGESTION	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	Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE &	STMPTOMS/EFFECTS AFTER SKIN CONTACT : IRRITATION. MAT CAUSE AN ALLERGIC SKIN REACTION.
Delayed)	STMPTOMS/EFFECTS AFTER ETE CONTACT : SERIOUS DAMAGE TO ETES.
4.3	
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR	TREAT SYMPOMATICALLY.
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	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE. THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES: CARBON DIOXIDE (CO2), CARBON MONOXIDE (CO), OTHER TOXIC GASES. CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
5.3 Advice for fire-fighters	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.

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. 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	AVOID CONTACT WITH SKIN, EYES AND CLOTHING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE. DO NOT
REFERENCES TO OTHER SECTIONS	EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WEAR PERSONAL PROTECTIVE EQUIPMENT. DO NOT BREATHE VAPOURS OR
REFERENCES TO OTHER SECTIONS	SPRAY MIST. USE ONLY IN AREA PROVIDED WITH ADEQUATE VENTILATION.

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)	NO ADDITIONAL DATA AVAILABLE.
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION	

STYRENE CAS NO: 100-42-5 LTEL (8 HR TWA PPM) - 100 LTEL (8 HR TWA MG/M ³) – 430 STEL (PPM) – 250 PPM STEL (MG/M ³) - 1080 LTEL - LONG TERM EXPOSURE LIMIT STEL – SHORT TERM EXPOSURE LIMIT		
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	PROVIDE ADEQUATE VENTILATION	
	TROVIDE ADEQUATE VENTILATION	
Skin Protection	WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY.	
Skin Protection Personal Protection	WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY. AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. AVOID CONTACT WITH SKIN AND EYES. USE	
	WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY.	
Personal Protection	WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY. 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.	

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1	
PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Liquid
COLOUR	Light Brown – Orange - Red
Odour	CHARACTERISTIC
Relative Density @ 20°C	Approx. 1.000 @ 20⁰C
FLASH POINT (°C)	74°C.
Refractive Index @ 20 °C	Approx. 1.492 @ 20⁰C
Solubility in water @ 20 °C	INSOLUBLE IN WATER.
Melting Point (°C)	Approx. 15
9.2 Other Information	NO DATA.
SECTION 10: STABILITY & REACTIVITY	

10.1 Reactivity	NO DATA.
10.2 Chemical stability	Stable under suggested storage conditions (<15°C). Stable under normal conditions.
10.3 Possibility of hazardous reactions	NONE UNDER NORMAL PROCESSING.
10.4 Conditions to avoid	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 1.5°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.

OXICOLOGICAL EFFECTS		
OXICOLOGICAL EFFECTS	SEX: FEMALE, GUIDELINE (ACUTE ORAL TOXICITY LD50 DERMAL RABBIT > 5000 MG/L READ-ACROSS FROM SUBSTANCE (STRUCTURAL ANALOGU <u>EUGENOL (97-53-0)</u> LD50 ORAL 2500 MG/KG BODYW <u>LINALOOL (78-70-6)</u> LD50 ORAL 2790 MG/KG BODYW <u>3-PHENYL-1-PROPANOL (122-97-4)</u> LD50 ORAL 2275 MG/KG BODYW LD50 ORAL 5000 MG/KG BODYW DL-CITRONELLOL (106-22-9) LD50 ORAL 3450 MG/KG BODYW	EIGHT VEIGHT ANIMAL: RAT, ANIMAL OECD GUIDELINE 423 - ACUTE TOXIC CLASS METHOD) A SUPPORTING E OR SURROGATE) EIGHT
	NEROL (106-25-2) LD50 ORAL 4500 mg/kg bodyw P-MENTHA-1,4-DIENE (99-85-4) 4500 mg/kg bodyw	EIGHT
	LD50 ORAL 3850 MG/KG BODYW	EIGHT

	L-ALPHA-PINENE (7785-26-	4)
	LD50 ORAL	500 mg/kg bodyweight
	CITRAL (5392-40-5)	
	LD50 DERMAL	2250 MG/KG BODYWEIGHT
	CIS-ALPHA-SANTALOL (115-2	71-9)
	LD50 ORAL	3800 mg/kg bodyweight
	MYRCENE (123-35-3)	
	LD50 ORAL RAT	> 11390 MG/KG BODYWEIGHT ANIMAL: RAT
	LD50 ORAL	> 3380 mg/kg bodyweight Animal: mouse 00 mg/kg bodyweight Animal: rabbit,
		CD Guideline 402 (Acute Dermal Toxicity)
	ALPHA-PINENE (80-56-8)	
	LD50 ORAL	500 MG/KG BODYWEIGHT
	STYRENE (100-42-5)	
	LC50 INHALATION RAT (VAPO	
	CINNAMYL ALCOHOL (104-5	
	LD50 ORAL <u>Isoeugenol (97-54-1)</u>	2500 MG/KG BODYWEIGHT
	LD50 ORAL	1500 mg/kg bodyweight
	LD50 DERMAL	1912 MG/KG BODYWEIGHT
	GERANIOL (106-24-1)	,
	LD50 ORAL	3600 MG/KG BODYWEIGHT
Skin irritation	CAUSES SKIN IRRITATION.	
EYE DAMAGE OR IRRITATION	CAUSES SERIOUS EYE DAMAGE.	
RESPIRATORY OR SKIN SENSITIVITY	MAY CAUSE AN ALLERGIC SKIN REACTION.	
GERM CELL MUTAGENICITY	NO DATA.	
CARCINOGENICITY	NOT CLASSIFIED.	
Reproductive toxicity	NOT CLASSIFIED. <u>P-MENTHA-1,4-DIENE (99-85-4)</u> NOAEL (ANIMAL/MALE, FO/P) 250 mg/kg bodyweight NOAEL (ANIMAL/FEMALE, FO/P) 250 mg/kg bodyweight	
STOT – SINGLE EXPOSURE	NO DATA.	
	NOT CLASSIFIED.	
	D-LIMONENE (5989-27-5)	
	LOAEL (ORAL, RAT, 90 DAYS)	1650 – 3300 mg/kg bodyweight/day
	NOAEL (SUBACUTE, ORAL, AN	IIMAL/MALE, 28 DAYS) 825 MG/KG BODYWEIGHT
	NOAEL (SUBACUTE, ORAL, AN	IIMAL/FEMALE, 28 DAYS) 1650 MG/KG BODYWEIGHT
	MYRCENE (123-35-3)	
	LOAEL (ORAL, RAT, 90 DAYS)	250 MG/KG BODYWEIGHT ANIMAL: RAT,
STOT – REPEATED EXPOSURE	GUIDELINE: OECD	GUIDELINE 408 (REPEATED DOSE 90- DAY ORAL
		NTS)
	NOAEL (SUBCHRONIC, ORAL,	ANIMAL/MALE, 90 DAYS) 500 MG/KG BODYWEIGHT
		ANIMAL SEX: MALE, GUIDELINE: OECD GUIDELINE 408
		20-Day Oral Toxicity in Rodents)
	,	ANIMAL/FEMALE, 90 DAYS) 250 MG/KG BODYWEIGHT
		ANIMAL SEX: FEMALE,
Aspiration hazard	NOT CLASSIFIED	
Other Information	NO ADDITIONAL DATA AVAILABLE	
		-
ECTION 12: ECOLOGICAL INFORMATION		
2.1	ECOLOGY - GENERAL : TOXIC	TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

	WITH LONG LASTING EFFECTS.	
	D-LIMONENE (5989-27-5) LC50 FISH 1 720 mg/l Test organisms (species): Pimephales promelas EC50 Daphnia 1 0.36 mg/l Test organisms (species): Daphnia magna EC50 72h algae (1) 0.32 mg/l Test organisms (species): Desmodesmus subspicatus (Previous NAME: Scenedesmus subspicatus) NOEC (chronic) 0.115 mg/l Test organisms (species): other:For freshwater Invertebrates, species frequently include Daphnia magna or Daphnia pulex. Duration: '16 d' 16 d'	
12.2 Persistence & degradability	No Data.	
12.3 BIO- ACCUMULATIVE POTENTIAL	NO 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		
	DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS.	
13.1 Waste treatment methods	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.	

SECTION 14: TRANSPORT INFORMATION	
14.1 Transport Information	
	ROAD: 3082
UN NUMBER	RAIL: 3082
	AIR: 3082
14.2 UN Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3 Transport hazard class(es)	ADR/RID ADR/RID - CLASS 9 ADR CLASSIFICATION CODE - M6 SPECIAL PROVISIONS - 274 335 375 601 LIMITED QUANTITIES - 5L EXPECTED QUANTITIES - E1 EMERGENCY ACTION CODE - •3Z IMDG IMDG - CLASS 9 SPECIAL PROVISIONS - 274 335 375 601 LIMITED QUANTITIES - 5L EXPECTED QUANTITIES - 5L

	IMDG EMS – F-A, S-F
	STOWAGE AND HANDLING – CATEGORY A
	ΙCAO/ΙΑΤΑ
	ICAO/IATA- CLASS 9
	IATA PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
	EXPECTED QUANTITIES – E1
	Transport Labels.
	TRANSPORT LABELS.
	MISCELLANEOUS
	DANGEROUS GOODS
	9
14.4	ADR/RID/ADN PACKING GROUP: III IMDG PACKING GROUP: III
PACKING GROUP	ICAO PACKING GROUP: III
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
	\wedge
	AV.
14.5	
ENVIROMENTAL HAZARDS	
14.6	
SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6-8.
14.7	
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC	NO ADDITIONAL DATA AVAILABLE.
CODE.	
SECTION 15: REGULATORY INFORMATION	
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS &	
15.1	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS &	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS &	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
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS &	DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	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
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	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
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	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
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION EU DIRECTIVES	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) N0793/93 & commission REGULATION (EC) N01488/94 as well as council directive 76/769/EEC & commission
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	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).
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION EU DIRECTIVES STATUTORY INSTRUMENTS	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). The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION EU DIRECTIVES	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). The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716). CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION EU DIRECTIVES STATUTORY INSTRUMENTS APPROVED CODE OF PRACTICE	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). THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I. 2009 NO 716). CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION EU DIRECTIVES STATUTORY INSTRUMENTS APPROVED CODE OF PRACTICE GUIDANCE NOTES	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). The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716). Classification & Labelling of Substances & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS. WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION EU DIRECTIVES STATUTORY INSTRUMENTS APPROVED CODE OF PRACTICE	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). THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716). CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.

SECTION 16: Other Information	
Hazard and/ or Precautionary Statements in full	H226 FLAMMABLE LIQUID AND VAPOUR. H301 TOXIC IF SWALLOWED.

H302 HARMFUL IF SWALLOWED.
H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
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.
H331 TOXIC IF INHALED.
H335 MAY CAUSE RESPIRATORY IRRITATION.
H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.
H361 D SUSPECTED OF DAMAGING THE UNBORN CHILD.
H372 CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.
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.
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.
ADR	Accord European sur le transport des merchandises 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.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10 [™] April 2018	Data Launch
JANUARY 2021	Review
JANUARY 2023	REVIEW

SPECIFICATION SHEET

PRODUCT NAME: FRANGIPANI, ABSOLUTE PARFUM PRODUCT INCI: PARFUM

CAS NUMBER: NOT LISTED

EINECS NUMBER: NOT LISTED

Shelf Life / Best Before: 24 months

ANALYTICAL DETAILS	RANGE
Appearance	Viscous Liquid
COLOUR	Clear – Light Brown – Orange - Red
Odour	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.990 – 1.010
Refractive Index @ 20°C	1.486 – 1.498

STORAGE CONDITIONS STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

JANUARY 2021

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Frangipani PQ

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.

01/04/2022