

# CERTIFICATE OF ANALYSIS

PRODUCT NAME: ROSE MAROC, ABSOLUTE
BATCH NUMBER: 4476004
PRODUCT INCI: ROSA CENTIFOLIA FLOWER EXTRACT
PRODUCT CODE: OAROSEMARO
CAS NUMBER: 84604-12-6
EINECS NUMBER: 290-260-3

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	ORANGE – DARK RED	-
ODOUR	CHARACTERISTIC, ROSE	-
SPECIFIC GRAVITY @ 20°C	0.950 – 1.100	0.9678
REFRACTIVE INDEX @ 20°C	1.495 – 1.520	1.5034

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

# ALLERGEN STATEMENT

PRODUCT NAME: **ROSE, ABSOLUTE (MOROCCAN)**

## COSMETIC ALLERGENS

Annex IIIa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.000
68	BENZYL ALCOHOL	100-51-6	1 – 5
69	CINNAMYL ALCOHOL	104-54-1	0.000
70	CITRAL	5392-40-5	<1.0
71	EUGENOL	97-53-0	<1.0
72	HYDROXY-CITRONELLAL	107-75-5	0.000
73	ISO EUGENOL	97-54-1	0.000
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	10.0 – 15.0
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	<1.0
85	BENZYL BENZOATE	120-51-4	0.000
86	CITRONELLOL	106-22-9	15.0 – 20.0
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	<1.0
89	METHYL 2-OCTYNOATE	111-12-6	0.000
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.000
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.000
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.000

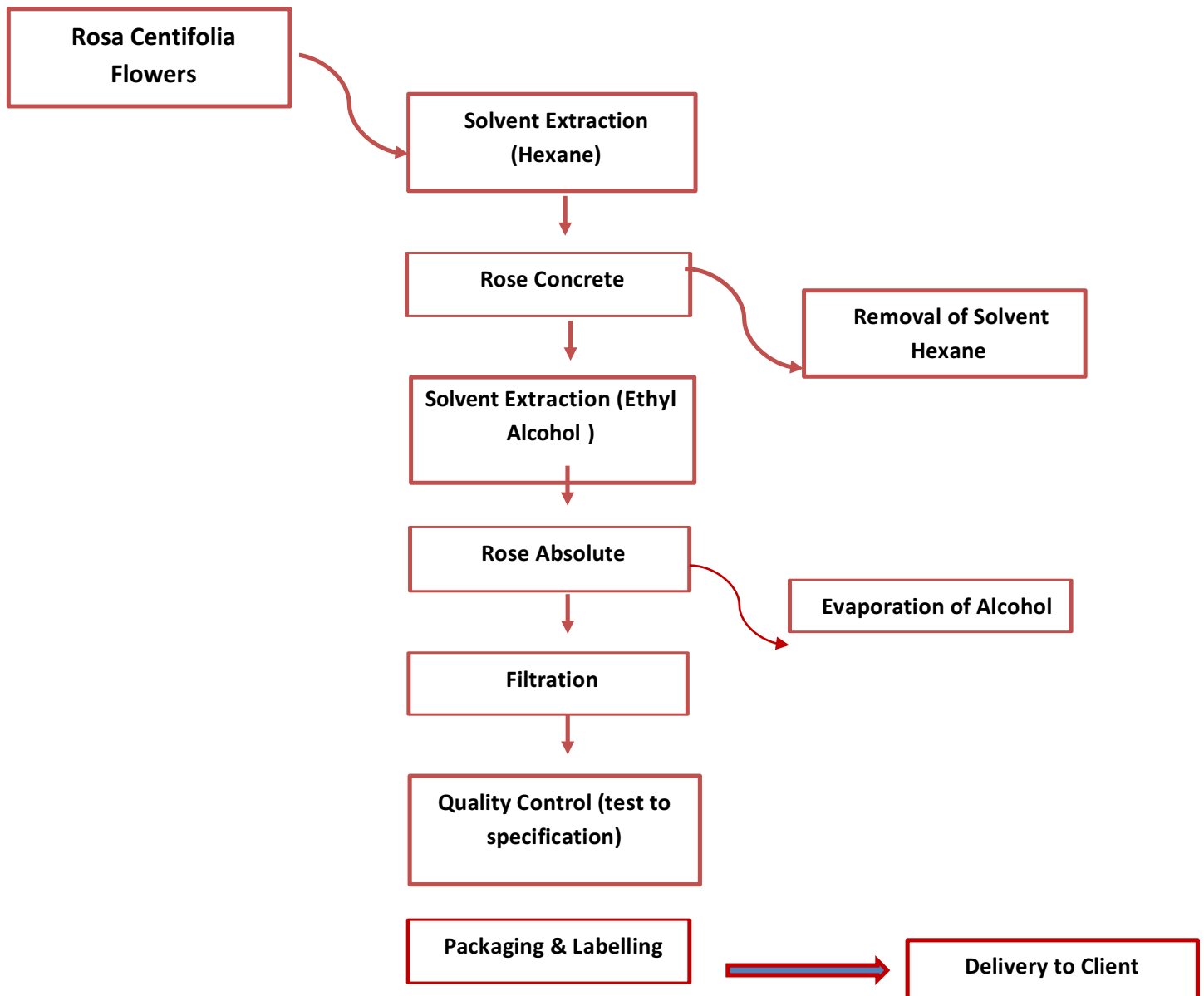
## FOOD ALLERGENS

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

## Composition Statement & Manufacturing Flow Chart:

### Rose Maroc, Absolute

INCI Name	% Inclusion	CAS Number
<i>ROSA CENTIFOLIA</i> FLOWER EXTRACT	100	84604-12-6



## **GMO Statement**

PRODUCT NAME: Rose Maroc Absolute

IKO NATURE SDN BHD can confirm that the above listed product is GMO Free.

22-3-23

# IFRA STATEMENT

PRODUCT NAME: **ROSE, ABSOLUTE (MOROCCAN)**

PRODUCT INCI: ROSA DAMASCENA FLOWER EXTRACT

WE CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 50 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 50<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Citronellol	106-22-9	15.0 – 20.0	Specification Std
Linalool	78-70-6	≤ 1.0	Specification Std
Eugenol	97-53-0	≤ 1.0	Restriction Std
Geraniol	106-24-1	10.0 – 15.0	Restriction Std
Citral	5392-40-5	≤ 1.0	Restriction Std
Benzyl Alcohol	100-51-6	≤ 1 – 5.0	Restriction Std
Benzyl Benzoate	120-51-4	Trace	Restriction Std
Estragole	140-67-0	Trace	Restriction Std
p-Methoxybenzaldehyde	123-11-5	0.0063	Restriction Std
Methyl Eugenol	93-15-2	≤ 1.0	Restriction Std

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 (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	NO	Not applicable (non-skin contact products)

	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).		
--	--	--	--





## 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	ROSE, ABSOLUTE (MOROCCAN)				
INCI NAME	ROSA CENTIFOLIA FLOWER OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE					
CAS-No	84604-12-6	EC No.	-	EINECS No.	-
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
COMPANY ADDRESS	IKO NATURE SDN BHD 69G, Jalan S2 D34, City Center S2, 70300 Seremban, Negeri Sembilan Malaysia				
EMAIL	ikodiybeauty@gmail.com				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
EMERGENCY CONTACTS	+6010-2763169				

SECTION 2: HAZARDS IDENTIFICATION	
<b>2.1</b>	
<b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
<b>CLASSIFICATION (67/548/EEC)</b>	NO ADDITIONAL DATA AVAILABLE.
<b>CLASSIFICATION (EU1272/2008)</b>	<b>PHYSICAL HAZARDS</b> NOT CLASSIFIED <b>HEALTH HAZARDS</b> SKIN IRRIT. 2 - H315 EYE DAM. 1 - H318 SKIN SENS. 1 - H317 <b>ENVIRONMENTAL HAZARDS</b> AQUATIC CHRONIC 3 - H412
<b>2.2</b>	
<b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.
<b>GHS LABEL</b>	  GHS05                      GHS07
<b>SIGNAL WORD</b>	DANGER.
<b>CONTAINS</b>	CITRONELLOL, GERANIOL, EUGENOL, NEROL, LINALOOL, (R)-P-MENTHA-1,8-DIENE
<b>HAZARDS STATEMENT</b>	H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H318 CAUSES SERIOUS EYE DAMAGE. H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>PRECAUTIONARY STATEMENTS</b>	P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P262 DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/ DOCTOR. P331 DO NOT INDUCE VOMITING.
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	P261 AVOID BREATHING VAPOUR/ SPRAY. P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING. P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. P273 AVOID RELEASE TO THE ENVIRONMENT. P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P310 IMMEDIATELY CALL A POISON CENTER/ DOCTOR. P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL). P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ ATTENTION. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ ATTENTION. P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. P501 DISPOSE OF CONTENTS/ CONTAINER IN ACCORDANCE WITH NATIONAL REGULATIONS.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b>	
<b>OTHER HAZARDS</b>	
<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>	NO DATA
SECTION 3: COMPOSITION OF INGREDIENTS	
<b>3.2 MIXTURES</b>	<b>&gt; 50% PHENYL ETHYL ALCOHOL</b> CAS-No.: 60-12-8, EC No 200-456-2 CLASSIFICATION (EC 1272/2008) : EYE IRRIT. 2 - H319  <b>15 – 20% CITRONELLOL</b> CAS-No.: 106-22-9, EC No.: 203-375-0 CLASSIFICATION (EC 1272/2008) : SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317

	<p><b>10 - 15% GERANIOL</b> CAS-No.: 106-24-1, EC No.: 203-377-1 CLASSIFICATION (EC 1272/2008) : SKIN IRRIT. 2 - H315, EYE DAM. 1 - H318, SKIN SENS. 1 - H317</p> <p><b>1 - 5% BENZYL ALCOHOL</b> CAS-No.: 100-51-6, EC No.: 202-859-9 CLASSIFICATION (EC 1272/2008) : ACUTE TOX. 4 - H302, ACUTE TOX. 4 - H332</p> <p><b>&lt;1.0% EUGENOL</b> CAS-No.: 97-53-0, EC No.: 202-589-1 CLASSIFICATION (EC 1272/2008) : EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304</p> <p><b>&lt;1.0% LINALOOL</b> CAS-No.: 78-70-6, EC No 201-134-4 CLASSIFICATION (EC 1272/2008) : SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319, SKIN SENS. 1 - H317</p> <p><b>&lt;1% NEROL</b> CAS-No.: 106-25-2, EC No.: 203-378-7 CLASSIFICATION (EC 1272/2008) : SKIN IRRIT. 2 - H315, EYE DAM. 1 - H318, SKIN SENS. 1 - H317</p> <p><b>&lt;1.0% (R)-P-MENTHA-1,8-DIENE</b> CAS-No.: 5989-27-5, EC No 227-813-5 M FACTOR (ACUTE) = 1 CLASSIFICATION (EC 1272/2008) : FLAM. LIQ. 3 - H226, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, ASP. TOX. 1 - H304 AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 3 - H412</p>
--	--

## 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>	REMOVE ANY CONTACT LENSES AND OPEN EYELIDS WIDE APART. RINSE WITH WATER. CONTINUE TO RINSE FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.
<b>4.2</b> MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	<b>SKIN CONTACT</b> THIS PRODUCT IS CORROSIVE. CAUSES SKIN IRRITATION. <b>EYE CONTACT</b> CAUSES SERIOUS EYE DAMAGE.
<b>4.3</b> INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.

## 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> <b>ENVIRONMENTAL PRECAUTIONS</b>	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.
<b>6.3</b> <b>METHODS &amp; MATERIAL FOR CONTAINMENT AND CLEANING UP</b>	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> <b>REFERENCES TO OTHER SECTIONS</b>	REFER & CONSIDER SECTION 8.

## SECTION 7: HANDLING & STORAGE

<b>7.1</b> <b>PRECAUTIONS FOR SAFE-HANDLING</b>	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> <b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>	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> <b>SPECIFIC END USE(S)</b>	INDUSTRIAL, ONLY FOR PROFESSIONAL USE.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

<b>8.1</b> <b>CONTROL PARAMETERS</b>	<p><b><u>PHENETHYL ALCOHOL (CAS: 60-12-8)</u></b></p> <p><b>DNEL</b>  WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 59.9 MG/M<sup>3</sup>  WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 21.2 MG/KG, BW/DAY  GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 17.7 MG/M<sup>3</sup>  GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 12.7 MG/KG, BW/DAY  GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 5.1 MG/KG, BW/DAY</p> <p><b>PNEC</b>  - FRESH WATER; SHORT TERM 0.215 MG/L  - FRESH WATER, INTERMITTENT RELEASE; SHORT TERM 2.15 MG/L  - MARINE WATER; SHORT TERM 0.021 MG/L  - STP; SHORT TERM 10 MG/L  - SEDIMENT (FRESHWATER); SHORT TERM 1.454 MG/KG  - SEDIMENT (MARINEWATER); SHORT TERM 0.145 MG/KG  - SOIL; SHORT TERM 0.164 MG/KG</p> <p><b><u>CITRONELLOL (CAS: 106-22-9)</u></b></p> <p><b>DNEL</b>  WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 161.6 MG/M<sup>3</sup>  WORKERS - INHALATION; LONG TERM LOCAL EFFECTS: 10 MG/M<sup>3</sup>  WORKERS - INHALATION; SHORT TERM LOCAL EFFECTS: 10 MG/M<sup>3</sup>  WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 327.4 BW/DAY, MG/KG  WORKERS - DERMAL; SHORT TERM LOCAL EFFECTS: 2.950 MG/CM<sup>2</sup>  GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 47.8 MG/M<sup>3</sup>  GENERAL POPULATION - INHALATION; LONG TERM LOCAL EFFECTS: 10 MG/M<sup>3</sup>  GENERAL POPULATION - INHALATION; SHORT TERM LOCAL EFFECTS: 10 MG/M<sup>3</sup>  GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 196.4 BW/DAY, MG/KG  GENERAL POPULATION - DERMAL; SHORT TERM LOCAL EFFECTS: 2.950 MG/CM<sup>2</sup>  GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 13.8 BW/DAY, MG/KG</p> <p><b>PNEC</b>  - FRESH WATER; SHORT TERM 0.002 MG/L  - INTERMITTENT RELEASE, FRESH WATER; SHORT TERM 0.024 MG/L  - MARINE WATER; SHORT TERM 0 MG/L  - STP; SHORT TERM 580 MG/L  - SEDIMENT (FRESHWATER); SHORT TERM 0.026 MG/KG  - SEDIMENT (MARINEWATER); SHORT TERM 0.003 MG/KG  - SOIL; SHORT TERM 0.004 MG/KG</p> <p><b><u>GERANIOL (CAS: 106-24-1)</u></b></p> <p><b>DNEL</b>  WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 161.6 MG/M<sup>3</sup>  WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 12.5 MG/KG, BW/DAY</p>
---	--

GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 47.8 MG/M<sup>3</sup>  
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 7.5 BW/DAY, MG/KG  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 13.75 BW/DAY, MG/KG

**PNEC**

- FRESH WATER; SHORT TERM 0.011 MG/L
- INTERMITTENT RELEASE, FRESH WATER; 0.108 MG/L
- MARINE WATER; SHORT TERM 0.001 MG/L
- STP; SHORT TERM 0.7 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 0.115 MG/KG
- SEDIMENT (MARINEWATER); SHORT TERM 0.011 MG/KG
- SOIL; SHORT TERM 0.017 MG/KG

**EUGENOL (CAS: 97-53-0)**

**DNEL**

WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 21.2 MG/M<sup>3</sup>  
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 6 BW/DAY, MG/KG  
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 5.22 MG/M<sup>3</sup>  
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 3 BW/DAY, MG/KG  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 3 BW/DAY, MG/KG

**PNEC**

- FRESH WATER; SHORT TERM 1.13 MG/L
- INTERMITTENT RELEASE, FRESH WATER; 11.3 MG/L
- MARINE WATER; SHORT TERM 0.113 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 0.081 MG/KG
- SEDIMENT (MARINEWATER); SHORT TERM 0.008 MG/KG
- SOIL; SHORT TERM 0.015 MG/KG

**LINALOOL (CAS: 78-70-6)**

**DNEL**

WORKERS - DERMAL; SHORT TERM SYSTEMIC EFFECTS: 5 MG/KG  
WORKERS - INHALATION; SHORT TERM SYSTEMIC EFFECTS: 16.5 MG/M<sup>3</sup>  
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 2.5 MG/KG  
WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 2.8 MG/M<sup>3</sup>  
GENERAL POPULATION - ORAL; SHORT TERM SYSTEMIC EFFECTS: 1.5 MG/KG  
GENERAL POPULATION - DERMAL; SHORT TERM SYSTEMIC EFFECTS: 2.5 MG/KG  
GENERAL POPULATION - INHALATION; SHORT TERM SYSTEMIC EFFECTS: 4.1 MG/M<sup>3</sup>  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.2 MG/KG  
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 1.25 MG/KG  
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.7 MG/M<sup>3</sup>

- ; :

**PNEC**

- STP; SHORT TERM 10 MG/L
- SOIL; SHORT TERM 0.327 MG/KG
- INTERMITTENT RELEASE; SHORT TERM 2 MG/L
- FRESH WATER; SHORT TERM 0.2 MG/L
- MARINE WATER; SHORT TERM 0.02 MG/L
- SEDIMENT (FRESHWATER); SHORT TERM 2.22 MG/KG
- SEDIMENT (MARINEWATER); SHORT TERM 0.222 MG/KG

**(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)**

**DNEL**

WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 33.3 MG/M<sup>3</sup>  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 4.76 MG/KG

**PNEC**

- STP; 1.8 MG/L
- SOIL; 0.262 MG/KG
- FRESH WATER; 0.0054 MG/L
- MARINE WATER; 0.00054 MG/L
- SEDIMENT (FRESHWATER); 1.32 MG/KG
- SEDIMENT (MARINEWATER); 0.13 MG/KG

**CITRAL (CAS: 5392-40-5)**

**DNEL**

WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 1.7 MG/KG  
WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 9 MG/M<sup>3</sup>  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.6 MG/KG  
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 1 MG/KG  
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 2.7 MG/M<sup>3</sup>

**PNEC**

- STP; 1.6 MG/L

	- SOIL; 0.0209 MG/KG - INTERMITTENT RELEASE; 0.0678 MG/L - FRESH WATER; 0.00678 MG/L - MARINE WATER; 0.000678 MG/L - SEDIMENT (FRESHWATER); 0.125 MG/KG - SEDIMENT (MARINEWATER); 0.0125 MG/KG
--	---

## 8.2 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>	NO SPECIFIC REQUIREMENTS ARE ANTICIPATED UNDER NORMAL CONDITIONS OF USE.
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>ENGINEERING MEASURES</b>	PROVIDE ADEQUATE VENTILATION.
<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. ONLY ELIMINATE BY AUTHORISED COMPANIES.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

<b>9.1 PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	THICK LIQUID
<b>COLOUR</b>	DARK RED – ORANGE
<b>ODOUR</b>	CHARACTERISTIC
<b>RELATIVE DENSITY</b>	0.950 – 1.100 @ 20°C
<b>FLASH POINT (°C)</b>	87.0 °C
<b>REFRACTIVE INDEX @ 20 °C</b>	1.495 - 1.520 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	NO DATA
<b>9.2 OTHER INFORMATION</b>	NO DATA.

## SECTION 10: STABILITY & REACTIVITY

<b>10.1 REACTIVITY</b>	THERE ARE NO KNOWN REACTIVITY HAZARDS ASSOCIATED WITH THIS PRODUCT.
<b>10.2 CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.
<b>10.4 CONDITIONS TO AVOID</b>	KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES
<b>10.5 INCOMPATIBLE MATERIALS</b>	STRONG ACIDS. STRONG OXIDISING AGENTS.

<b>10.6</b> <b>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.
--	--

SECTION 11: TOXICOLOGICAL INFORMATION	
<b>11.1</b> <b>TOXICOLOGICAL EFFECTS</b>	
<b>ACUTE TOXICITY</b>	ATE INHALATION (VAPOURS MG/L) 733.33
<b>SKIN IRRITATION</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>EYE DAMAGE OR IRRITATION</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>GERM CELL MUTAGENICITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>CARCINOGENICITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>REPRODUCTIVE TOXICITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>STOT – SINGLE EXPOSURE</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>STOT – REPEATED EXPOSURE</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>ASPIRATION HAZARD</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>OTHER INFORMATION</b>	NO ADDITIONAL INFORMATION AVAILABLE.
SECTION 12: ECOLOGICAL INFORMATION	
<b>12.1</b> <b>TOXICITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>12.2</b> <b>PERSISTENCE &amp; DEGRADABILITY</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>12.3</b> <b>BIO- ACCUMULATIVE POTENTIAL</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>12.4</b> <b>MOBILITY IN SOIL</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>12.5</b> <b>RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	NO ADDITIONAL INFORMATION AVAILABLE.
<b>12.6</b> <b>OTHER ADVERSE EFFECTS</b>	NO ADDITIONAL INFORMATION AVAILABLE.
SECTION 13: DISPOSAL INFORMATION	
<b>13.1</b> <b>WASTE TREATMENT METHODS</b>	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.
SECTION 14: TRANSPORT INFORMATION	
<b>14.1</b> <b>TRANSPORT INFORMATION</b>	
<b>UN NUMBER</b>	<b>ROAD: NOT LISTED</b> <b>RAIL: NOT LISTED</b> <b>AIR: NOT LISTED</b>
<b>14.2</b> <b>UN SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
<b>14.3</b> <b>TRANSPORT HAZARD CLASS(ES)</b>	NOT LISTED.
<b>14.4</b>	NOT LISTED.

<b>PACKING GROUP</b>	
<b>14.5</b> <b>ENVIROMENTAL HAZARDS</b>	NOT APPLICABLE.
<b>14.6</b> <b>SPECIAL PRECAUTIONS FOR USER</b>	NOT LISTED.
<b>14.7</b> <b>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b>	NO ADDITIONAL DATA.
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1</b> <b>PRODUCT SPECIFIC SAFETY, HEALTH &amp; ENVIRONMENTAL REGULATIONS &amp; LEGISLATION</b>	
<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) NO 1488/94 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> <b>CHEMICAL SAFETY ASSESSMENT</b>	-

<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. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H318 CAUSES SERIOUS EYE DAMAGE. H319 CAUSES SERIOUS EYE IRRITATION. H332 HARMFUL IF INHALED. H400 VERY TOXIC TO AQUATIC LIFE. H412 HARMFUL 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.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
10 <sup>TH</sup> APRIL 2018	DATA LAUNCH
2021	REVIEW
JANUARY 2023	REVIEW

# SPECIFICATION SHEET

**PRODUCT NAME: ROSE, ABSOLUTE (MOROCCAN)**

PRODUCT INCI: ROSA CENTIFOLIA FLOWER OIL

CAS NUMBER: 84604-12-6

MANUFACTURING METHOD: SOLVENT EXTRACTED

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	RANGE
APPEARANCE	THICK LIQUID
COLOUR	ORANGE – DARK RED
ODOUR	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.950 – 1.100
REFRACTIVE INDEX @ 20°C	1.495 – 1.520

## STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

2021

**Document Date: 22-3-23**

**STATEMENT**

We hereby certify that our Rose Maroc Absolute is suitable for vegetarians and vegans