



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: MYRRH, ESSENTIAL OIL**

PRODUCT INCI: COMMIPHORA MYRRHA OIL

PRODUCT CODE: OEMYRR

CAS NUMBER: 84929-26-0

EINECS NUMBER: 284-510-0

MANUFACTURING METHOD: STEAM DISTILLATION

ANALYTICAL DETAILS		RANGE	RESULTS
APPEARANCE		LIQUID	-
COLOUR		LIQUID AMBER YELLOW TO BROWN YELLOW (OFTEN WITH GREENISH TINGE)	-
ODOUR		CHARACTERISTIC, BALSAMIC SPICY.	-
SPECIFIC GRAVITY @ 20°C		0.950 – 1.040	0.990
REFRACTIVE INDEX @ 20°C		1.485 – 1.530	1.503
OPTICAL ROTATION (°C)		-120.0 TO -30.0	-50.3

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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## ALLERGEN STATEMENT

PRODUCT NAME: **MYRRH, ESSENTIAL OIL**

### 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	≤ 0.10
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	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	≤ 0.10
85	BENZYL BENZOATE	120-51-4	≤ 0.01
86	CITRONELLOL	106-22-9	0.000
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	≤ 0.10
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



## FOOD ALLERGENS

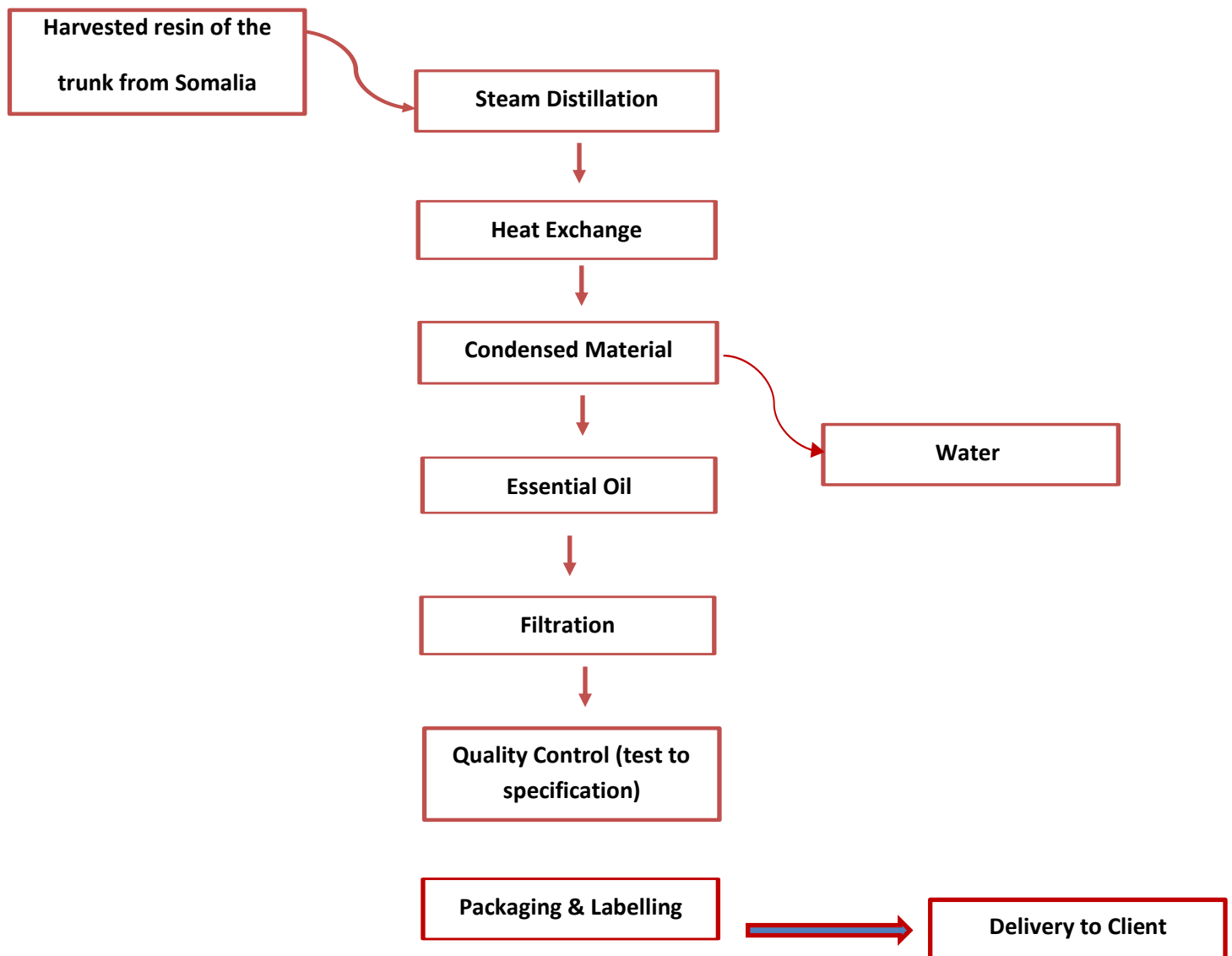
Annex IIIa Reference:		PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY PRESENCE:
1	CEREALS ( <i>CONTAINING GLUTEN</i> )	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	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

### Myrrh, Essential Oil

INCI Name	% Inclusion	CAS Number
Commiphora Myrrha	100	84929-26-0



## **GMO Statement**

PRODUCT NAME: Myrrh

Ekokoza s.r.o. can confirm that the above listed product is GMO Free.

06/03/2023



## IFRA STATEMENT

PRODUCT NAME: **MYRRH, ESSENTIAL OIL**

PRODUCT INCI: COMMIPHORA MYRRHA OIL

PRODUCT CODE: OEMYRR

Ekokoza s.r.o. THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 49 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 49<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 0.10	Specification
Linalool	78-70-6	≤ 0.10	Specification
Benzyl Benzoate	120-1-4	≤ 0.01	Restriction
Eugenol	97-53-0	≤ 0.10	Restriction
Furfural	98-01-1	≤ 0.01	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](http://www.iofi.org)). For more details see chapter 1 of the Guidance for the use of IFRA Standards.



IFRA Category	% Maximum Use Level
IFRA Category 1	Not approved
IFRA Category 2	10.00
IFRA Category 3	10.00
IFRA Category 4	10.00
IFRA Category 5A	10.00
IFRA Category 5B	10.00
IFRA Category 5C	10.00
IFRA Category 5D	10.00
IFRA Category 6	Not approved
IFRA Category 7A	10.00
IFRA Category 7B	10.00
IFRA Category 8	10.00
IFRA Category 9	10.00
IFRA Category 10A	10.00
IFRA Category 10B	10.00
IFRA Category 11A	10.00
IFRA Category 11B	10.00
IFRA Category 12	Not restricted

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, fragranting 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)

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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 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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## 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	MYRRH, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	COMMIPHORA MYRRHA OIL IS THE VOLATILE OIL OBTAINED BY THE STEAM DISTILLATION OF THE MYRRH, COMMIPHORA MYRRHA, BURSERACEAE.				
INCI NAME	COMMIPHORA MYRRHA OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE					
CAS-No	84929-26-0	EC No.	284-510-0	EINECS No.	284-510-0
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
COMPANY ADDRESS	Ekokoza s.r.o., IČ:07508247, Fryčovice 297, 73945 Fryčovice, eshop@ekokoza.cz, +420605779993				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
EMERGENCY CONTACTS	Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/ denně) Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)				

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SECTION 2: HAZARDS IDENTIFICATION	
<b>2.1</b> CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16. HUMAN HEALTH - THE LIQUID IS IRRITATING TO EYES AND SKIN. HARMFUL IF SWALLOWED
CLASSIFICATION (EU1272/2008)	PHYSICAL HAZARDS: THIS MIXTURE DOES NOT PRESENT A PHYSICAL HAZARD. HEALTH HAZARDS: ACUTE ORAL TOXICITY, CATEGORY 4 (ACUTE TOX. 4, H302). ENVIRONMENTAL HAZARDS: THIS MIXTURE DOES NOT PRESENT AN ENVIRONMENTAL HAZARD.
<b>2.2</b> LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
GHS LABEL	 GHS07
SIGNAL WORD	WARNING.
CONTAINS	EC 284-510-0 MYRRH OIL (C. MYRRHA)
HAZARDS STATEMENT	H302 HARMFUL IF SWALLOWED.
PRECAUTIONARY STATEMENTS	P264 WASH WITH WATER AND SOAP THOROUGHLY AFTER HANDLING. P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. P301 + P312 IF SWALLOWED: CALL A POISON CENTER/DOCTOR/.../IF YOU FEEL UNWELL. P330 RINSE MOUTH. P501 DISPOSE OF CONTENTS/CONTAINER TO WASTE DISPOSAL FACILITY LICENSED.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	NONE
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
<b>2.3</b> OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO DATA
ADVERSE EFFECTS ON HUMAN HEALTH	THE MIXTURE DOES NOT CONTAIN SUBSTANCES CLASSIFIED AS 'SUBSTANCES OF VERY HIGH CONCERN' (SVHC) $\geq 0.1\%$ PUBLISHED BY THE EUROPEAN CHEMICALS AGENCY (ECHA) UNDER ARTICLE 57 OF REACH: <a href="http://echa.europa.eu/fr/candidate-list-table">http://echa.europa.eu/fr/candidate-list-table</a> . THE MIXTURE SATISFIES NEITHER THE PBT NOR THE VPVB CRITERIA FOR MIXTURES IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006.
PBT OR VPVB ACCORDING TO ANNEX XIII	THE MIXTURE FULFILLS NEITHER THE PBT NOR THE VPVB CRITERIA FOR MIXTURES IN ACCORDANCE WITH ANNEXE XIII OF THE REACH REGULATIONS EC 1907/2006.
SECTION 3: COMPOSITION OF INGREDIENTS	
3.2 SUBSTANCES	100% MYRRH OIL (C. MYRRHA) CAS No: 8016-37-3 EC No: 284-510-0 CLASSIFICATION (EC 1272/2008) GHS07, WNG, ACUTE TOX. 4, H302

SECTION 4: FIRST AID MEASURES	
<b>4.1</b> 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.



<b>INGESTION</b>	DO NOT GIVE THE PATIENT ANYTHING ORALLY. IN THE EVENT OF SWALLOWING, IF THE QUANTITY IS SMALL (NO MORE THAN ONE MOUTHFUL), RINSE THE MOUTH WITH WATER, ADMINISTER ACTIVATED MEDICAL CHARCOAL AND CONSULT A DOCTOR. SEEK MEDICAL ATTENTION, SHOWING THE LABEL. IF SWALLOWED ACCIDENTALLY, CALL A DOCTOR TO ASCERTAIN WHETHER OBSERVATION AND HOSPITAL CARE WILL BE NECESSARY.
<b>SKIN CONTACT</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
<b>EYE CONTACT</b>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
<b>4.2 MOST IMPORTANT SYMPTOMS &amp; EFFECTS (ACUTE &amp; DELAYED)</b>	NO ADDITIONAL DATA AVAILABLE.
<b>4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED</b>	NO ADDITIONAL DATA AVAILABLE.

## SECTION 5: FIRE FIGHTING MEASURES

<b>5.1 EXTINGUISHING MATERIAL</b>	NON FLAMMABLE, THEREFORE EXTINGUISH FLAMES AS PER SURROUNDING AREA DICTATES. EXTINGUISHING MEDIA: CARBON DIOXIDE (CO <sub>2</sub> ). POWDER. WATER SPRAY.
<b>5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE. IN THE EVENT OF A FIRE, THE FOLLOWING MAY BE FORMED: CARBON MONOXIDE (CO) AND CARBON DIOXIDE (CO <sub>2</sub> )
<b>5.3 ADVICE FOR FIRE-FIGHTERS</b>	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 PERSONAL PRECAUTIONS</b>	WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. HANDLE THE PRODUCT USING PROTECTIVE GLOVES RESISTANT TO THE CHEMICALS EXPOSED. AVOID CONTACT WITH SKIN AND EYES. MAINTAIN ADEQUATE VENTILATION IN THE WORKING AREA AFTER SPILLING.
<b>6.2 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 METHODS &amp; MATERIAL FOR CONTAINMENT AND CLEANING UP</b>	COVER WITH AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL (E.G. DRY-LIME, SAND, SODA ASH). PLACE IN COVERED CONTAINERS USING NON-SPARKING TOOLS AND TRANSPORT OUTDOORS. VENTILATE AREA AND WASH SPILL SITE WITH DETERGENT AFTER MATERIAL PICKUP IS COMPLETE. DO NOT USE SOLVENTS. DISPOSE OF IN ACCORDANCE WITH CURRENT LAWS AND REGULATIONS.
<b>6.4 REFERENCES TO OTHER SECTIONS</b>	REFER & CONSIDER SECTION 8.

## SECTION 7: HANDLING & STORAGE

<b>7.1 PRECAUTIONS FOR SAFE-HANDLING</b>	ALWAYS WASH HANDS AFTER HANDLING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USING. FIRE PREVENTION: PREVENT ACCESS BY UNAUTHORISED PERSONNEL.  RECOMMENDED EQUIPMENT AND PROCEDURES: FOR PERSONAL PROTECTION, SEE SECTION 8. OBSERVE PRECAUTIONS STATED ON LABEL AND ALSO INDUSTRIAL SAFETY REGULATIONS.  PROHIBITED EQUIPMENT AND PROCEDURES: NO SMOKING, EATING OR DRINKING IN AREAS WHERE THE MIXTURE IS USED.
<b>7.2 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 SPECIFIC END USE(S)</b>	NO DATA.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

<b>8.1 CONTROL PARAMETERS</b>	NONE.
<b>8.2 EXPOSURE CONTROLS</b>	



<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>	WEAR SUITABLE RESPIRATORY EQUIPMENT.
<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>	WORK CLOTHING WORN BY PERSONNEL SHALL BE LAUNDERED REGULARLY. AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN SOILED MUST BE WASHED.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION AND CONTACT WITH SKIN AND EYES. USE PERSONAL PROTECTIVE EQUIPMENT THAT IS CLEAN AND HAS BEEN PROPERLY MAINTAINED. STORE PERSONAL PROTECTIVE EQUIPMENT IN A CLEAN PLACE, AWAY FROM THE WORK AREA.
<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.
<b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>9.1 PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	AMBER YELLOW TO BROWN YELLOW OFTEN WITH GREENISH TINGE.
<b>ODOUR</b>	CHARACTERISTIC, BALSAMIC, SPICY
<b>RELATIVE DENSITY</b>	APPROX. 0.995 @ 20°C
<b>FLASH POINT (°C)</b>	> 100 C
<b>REFRACTIVE INDEX @ 20 °C</b>	APPROX. 1.507 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	NO DATA
<b>9.2 OTHER INFORMATION</b>	NO DATA
<b>SECTION 10: STABILITY &amp; REACTIVITY</b>	
<b>10.1 REACTIVITY</b>	NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED.
<b>10.2 CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	NO ADDITIONAL DATA AVAILABLE.
<b>10.4 CONDITIONS TO AVOID</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
<b>10.5 INCOMPATIBLE MATERIALS</b>	NO ADDITIONAL DATA AVAILABLE.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	THE THERMAL DECOMPOSITION MAY RELEASE/FORM CARBON MONOXIDE (CO) AND CARBON DIOXIDE (CO <sub>2</sub> ).



## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1

#### TOXICOLOGICAL EFFECTS

<b>ACUTE TOXICITY</b>	HARMFUL IF SWALLOWED. MYRRH OIL (C. MYRRHA) (CAS No: 8016-37-3) ORAL ROUTE: LD50 = 1650 MG/KG. SPECIES: RAT
<b>SKIN IRRITATION</b>	NO ADDITIONAL DATA AVAILABLE.
<b>EYE DAMAGE OR IRRITATION</b>	NO ADDITIONAL DATA AVAILABLE.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>GERM CELL MUTAGENICITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>CARCINOGENICITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>REPRODUCTIVE TOXICITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>STOT – SINGLE EXPOSURE</b>	NO ADDITIONAL DATA AVAILABLE.
<b>STOT – REPEATED EXPOSURE</b>	NO ADDITIONAL DATA AVAILABLE.
<b>ASPIRATION HAZARD</b>	NO ADDITIONAL DATA AVAILABLE.
<b>OTHER INFORMATION</b>	NO ADDITIONAL DATA AVAILABLE.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 TOXICITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.4 MOBILITY IN SOIL</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.6 OTHER ADVERSE EFFECTS</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.

## SECTION 13: DISPOSAL INFORMATION

<b>13.1 WASTE TREATMENT METHODS</b>	<p>DISPOSE OF IN COMPLIANCE WITH ALL LOCAL AND NATIONAL REGULATIONS. PROPER WASTE MANAGEMENT OF THE MIXTURE AND/OR ITS CONTAINER MUST BE DETERMINED IN ACCORDANCE WITH DIRECTIVE 2008/98/EC.</p> <p><b>WASTE:</b> DO NOT POUR INTO DRAINS OR WATERWAYS. 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.</p> <p><b>SOILED PACKAGING:</b> EMPTY CONTAINER COMPLETELY. KEEP LABEL(S) ON CONTAINER. GIVE TO A CERTIFIED DISPOSAL CONTRACTOR.</p>
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SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
UN NUMBER	NOT REGULATED
14.2 UN SHIPPING NAME	NONE.
14.3 TRANSPORT HAZARD CLASS(ES)	NONE.
14.4 PACKING GROUP	NONE.
14.5 ENVIROMENTAL HAZARDS	NO DATA.
14.6 SPECIAL PRECAUTIONS FOR USER	NO ADDITIONAL DATA AVAILABLE.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NO DATA
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 <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).
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	-
SECTION 16: OTHER INFORMATION	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H302 HARMFUL IF SWALLOWED.
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.

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<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:** MYRRH, ESSENTIAL OIL

**PRODUCT INCI:** COMMIPHORA MYRRHA OIL

**CAS NUMBER:** 84929-26-0

**EINECS NUMBER:** 284-510-0

**MANUFACTURING METHOD:** STEAM DISTILLATION

**SHELF LIFE / BEST BEFORE:** 36 MONTHS

ANALYTICAL DETAILS	RANGE
APPEARANCE	LIQUID
COLOUR	LIQUID AMBER YELLOW TO BROWN YELLOW (OFTEN WITH GREENISH TINGE)
ODOUR	CHARACTERISTIC, BALSAMIC SPICY.
SPECIFIC GRAVITY @ 20°C	0.950 – 1.040
REFRACTIVE INDEX @ 20°C	1.485 – 1.530
OPTICAL ROTATION (°C)	-120.0 TO -30.0

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

2021



## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Myrrh

Ekokoza s.r.o. 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.

06/03/2023