



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: CEDARWOOD ATLAS, ESSENTIAL OIL**

**BATCH NUMBER: 4528907**

**PRODUCT INCI: CEDRUS ATLANTICA BARK OIL**

**PRODUCT CODE: OCCEDAATLA**

**CAS NUMBER: 8000-27-9 / 92201-55-3**

**EINECS NUMBER: 295-985-9**

**MANUFACTURING METHOD: STEAM DISTILLATION**

**BEST BEFORE END: DECEMBER 2026**

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	CLEAR PALE YELLOW	-
ODOUR	CHARACTERISTIC, SWEET – WOODY - BALSAMIC	-
SPECIFIC GRAVITY @ 20°C	0.920 – 0.960	0.935
REFRACTIVE INDEX @ 20°C	1.500 – 1.530	1.510
OPTICAL ROTATION (°C)	+25.0 TO +75.0	+57.12

### STORAGE CONDITIONS

**STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT**

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## ALLERGEN STATEMENT

PRODUCT NAME: **CEDARWOOD ATLAS, 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	0.000
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	0.000
85	BENZYL BENZOATE	120-51-4	0.000
86	CITRONELLOL	106-22-9	0.000
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	< 0.1
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

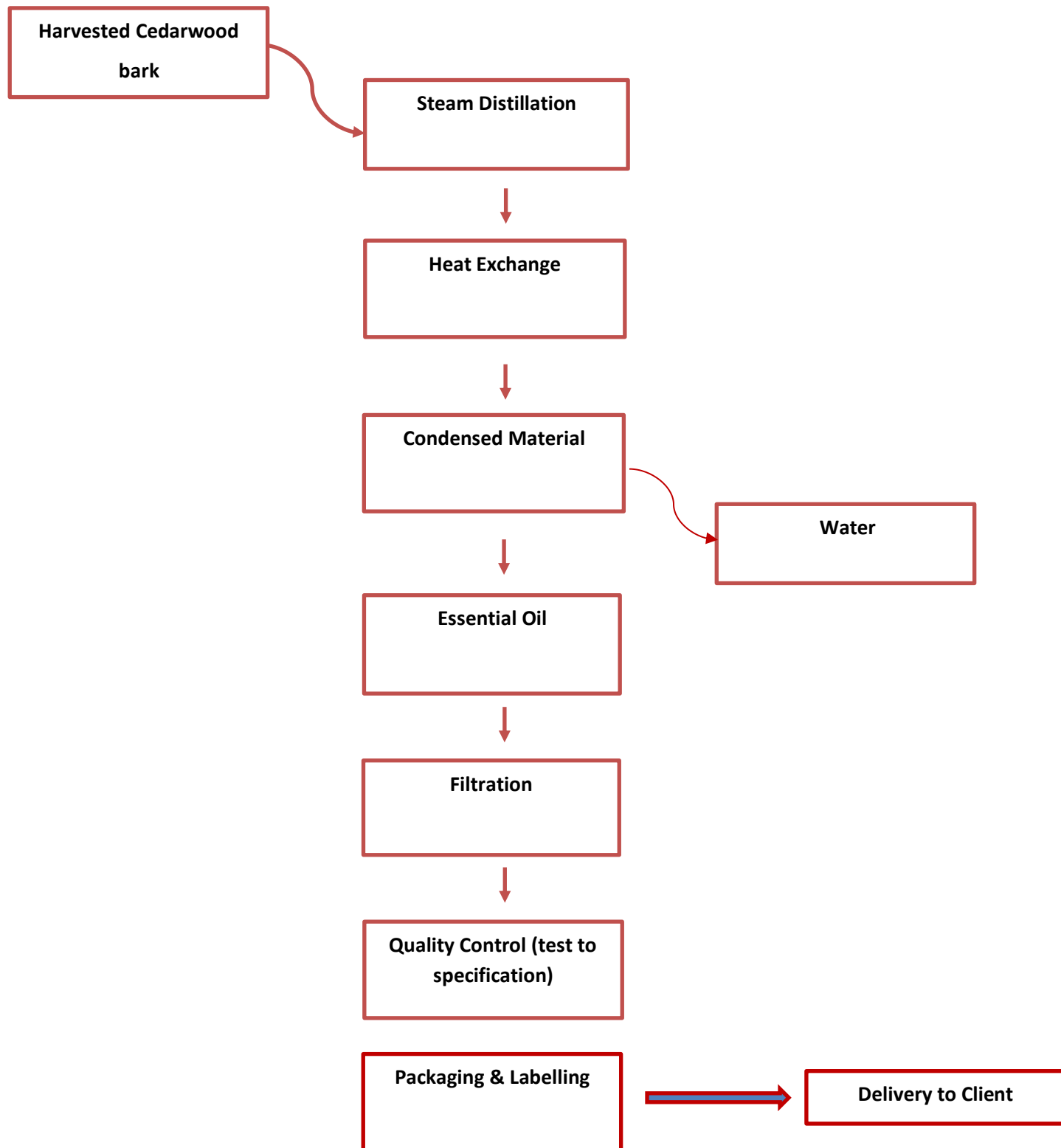


## Composition Statement & Manufacturing Flow Chart:

We can hereby confirm the following composition breakdown & manufacturing process flow;

**Cedarwood Atlas, Essential Oil**

INCI Name	% Inclusion	CAS Number
Cedrus Atlantica Bark Oil	100	8000-27-9





## IFRA STATEMENT

PRODUCT NAME: **CEDARWOOD ATLAS, ESSENTIAL OIL**

PRODUCT INCI: CEDRUS ATLANTICA BARK OIL

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
Limonene	5989-27-5	≤ 0.20	Specification
Longifolene	475-20-7 16846-09-6 19067-29-9	≤ 0.70	Restriction
Cedrene	11028-42-5, 469-61-4, 546-28-1	≤ 1.65	Restriction
Furfural	98-01-1	≤ 0.25	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	0.40
IFRA Category 3	0.40
IFRA Category 4	0.40
IFRA Category 5A	0.40
IFRA Category 5B	0.40
IFRA Category 5C	0.40
IFRA Category 5D	0.40
IFRA Category 6	Not approved
IFRA Category 7A	0.40
IFRA Category 7B	0.40
IFRA Category 8	0.40
IFRA Category 9	0.40
IFRA Category 10A	0.40
IFRA Category 10B	0.40
IFRA Category 11A	0.40
IFRA Category 11B	0.40
IFRA Category 12	20.00



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)
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 fragranting of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragranting 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)





24.09. 2021

### CERTIFICATE OF ORIGIN

This is to certify that the following product is a of Moroccan Origin

Cedarwood Atlas



## Material Safety Data Sheet

EU Regulation: 1907/2006

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

1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	CEDARWOOD ATLAS, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	CEDRUS ATLANTICA BARK OIL IS THE VOLATILE OIL OBTAINED FROM THE BARK OF CEDRUS ATLANTICA, PINACEAE.				
INCI NAME	CEDRUS ATLANTICA BARK OIL				
SYNONYMS & TRADE NAMES	NA				
INTERNAL PRODUCT CODE					
CAS-No	8000-27-9 / 92201-55-3	EC No.	295-985-9	EINECS No.	295-985-9
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

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.

#### HUMAN HEALTH

MAY PRODUCE AN ALLERGIC REACTION (EUH208).

#### ENVIRONMENT

THE PRODUCT CONTAINS A SUBSTANCE WHICH MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

#### CLASSIFICATION (67/548/EEC)

NO ADDITIONAL DATA AVAILABLE.

#### CLASSIFICATION (EU1272/2008)

PHYSICAL AND CHEMICAL HAZARDS: THIS SUBSTANCE DOES NOT PRESENT A PHYSICAL HAZARD. REFER TO THE RECOMMENDATIONS REGARDING THE OTHER PRODUCTS PRESENT ON THE SITE.

HUMAN HEALTH ASP: TOX. 1 - H304.

ENVIRONMENT : AQUATIC CHRONIC 2 – EHC2 H411.

### 2.2 LABEL ELEMENTS

LABEL IN ACCORDANCE WITH REGULATION (EC) No 1272/2008.

#### GHS LABEL



GHS07



GHS08



GHS09

#### SIGNAL WORD

DANGER.

#### CONTAINS

EUH208 CONTAINS LONGIFOLENE. MAY PRODUCE AN ALLERGIC REACTION. HYDROCARBONS, LONGIFOLENE, ALPHA-CEDRENE.

#### HAZARDS STATEMENT

H304, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.  
H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.

H411 - TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

#### PRECAUTIONARY STATEMENTS

P273, AVOID RELEASE TO THE ENVIRONMENT.

#### SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P273 - AVOID RELEASE TO THE ENVIRONMENT.

P301+P310 - IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

P331 - DO NOT INDUCE VOMITING. P391 - COLLECT SPILLAGE.

P405 - STORE LOCKED UP.

P280 - WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.

### 2.3 OTHER HAZARDS

#### ADVERSE PHYSIO-CHEMICAL PROPERTIES

THE SUBSTANCE DOES NOT MEET THE CRITERIA FOR PBT OR VPVB, IN ACCORDANCE WITH ANNEX XIII OF REACH REGULATION (EC) No 1907/2006.

#### ADVERSE EFFECTS ON HUMAN HEALTH

NO DATA.

#### PBT OR VPVB ACCORDING TO ANNEX XIII

NO DATA.

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<b>SECTION 3: COMPOSITION OF INGREDIENTS</b>	
<b>3.1 SUBSTANCES</b>	<1.0% CARYOPHYLLENE BETA CAS: 469-61-4 EC: 207-418-4 - AH1, EHA1, EHC1 - H304, H400, H410  <0.6% LONGIFOLENE CAS: 475-20-7 EC: 207-491-2 AH1, EHA1, EHC1, FL3, SS1B - H226, H304, H317, H400, H410  <3.0% ALPHA-CEDRENE CAS: 469-61-4 EC: 207-418-4 AH1, EHA1, EHC1 - H304, H400, H410  <1.0% alpha-Pinene CAS: 80-56-8 EC: 201-291-9 - AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B - H226, H302, H304, H315, H317, H400, H410  <0.1% Limonene CAS: 5989-27-5 EC: 227-813-5 - AH1, EHA1, EHC2, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H411, H412

<b>SECTION 4: FIRST AID MEASURES</b>	
<b>4.1 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. IMMEDIATELY CALL THE POISON CENTRE OR DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
<b>SKIN CONTACT</b>	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
<b>EYE CONTACT</b>	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
<b>4.2 MOST IMPORTANT SYMPTOMS &amp; EFFECTS (ACUTE &amp; DELAYED)</b>	NO DATA.
<b>4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED</b>	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.

<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>5.1 EXTINGUISHING MATERIAL</b>	FOAM, CO2, DRY CHEMICAL POWDER.
<b>5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES.
<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.
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1 PERSONAL PRECAUTIONS</b>	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.




<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. DO NOT USE SOLVENTS.
<b>6.4</b> <b>REFERENCES TO OTHER SECTIONS</b>	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

## 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>	NO DATA.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

<b>8.1</b> <b>CONTROL PARAMETERS</b>	NO ADDITIONAL DATA AVAILABLE.
<b>8.2</b> <b>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>	UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7.
<b>HYGIENE MEASURES</b>	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
<b>ENGINEERING MEASURES</b>	NONE.
<b>SKIN PROTECTION</b>	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
<b>PERSONAL PROTECTION</b>	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
<b>OTHER PROTECTION</b>	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
<b>PROCESS CONDITIONS</b>	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
<b>ENVIRONMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES





<b>9.1</b> <b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	PALE YELLOW - YELLOW
<b>ODOUR</b>	CHARACTERISTIC – SWEET, WOODY, ALMONST BALSAMIC
<b>RELATIVE DENSITY @ 20°C</b>	0.920 – 0.960
<b>FLASH POINT (°C)</b>	>100°C.
<b>REFRACTIVE INDEX @ 20 °C</b>	1.50 – 1.530
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER
<b>9.2</b> <b>OTHER INFORMATION</b>	NO DATA.
<b>SECTION 10: STABILITY &amp; REACTIVITY</b>	
<b>10.1</b> <b>REACTIVITY</b>	NOT APPLICABLE.
<b>10.2</b> <b>CHEMICAL STABILITY</b>	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
<b>10.3</b> <b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	NO.
<b>10.4</b> <b>CONDITIONS TO AVOID</b>	STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.
<b>10.5</b> <b>INCOMPATIBLE MATERIALS</b>	AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS. AVOID WATER
<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 & DIOXIDE.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>11.1</b> <b>TOXICOLOGICAL EFFECTS</b>	
<b>ACUTE TOXICITY</b>	ASPIRATION TOXICITY INCLUDES SEVERE ACUTE EFFECTS SUCH AS CHEMICAL PNEUMONIA, VARYING DEGREES OF PULMONARY INJURY OR DEATH FOLLOWING ASPIRATION.
<b>SKIN IRRITATION</b>	NO DATA.
<b>EYE DAMAGE OR IRRITATION</b>	NO DATA.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	NO DATA.
<b>GERM CELL MUTAGENICITY</b>	NO DATA.
<b>CARCINOGENICITY</b>	NO DATA.
<b>REPRODUCTIVE TOXICITY</b>	NO DATA.
<b>STOT – SINGLE EXPOSURE</b>	NO DATA.
<b>STOT – REPEATED EXPOSURE</b>	NO DATA.
<b>ASPIRATION HAZARD</b>	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS (H304). ASPIRATION TOXICITY INCLUDES SEVERE ACUTE EFFECTS SUCH AS CHEMICAL PNEUMONIA, VARYING DEGREES OF PULMONARY INJURY OR DEATH FOLLOWING ASPIRATION.
<b>OTHER INFORMATION</b>	NO DATA.
<b>SECTION 12: ECOLOGICAL INFORMATION</b>	
<b>12.1</b>	



<b>TOXICITY</b>	HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	NO DATA.
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	NONE.
<b>12.4 MOBILITY IN SOIL</b>	NONE.
<b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.
<b>12.6 OTHER ADVERSE EFFECTS</b>	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
<b>SECTION 13: DISPOSAL INFORMATION</b>	
<b>13.1 WASTE TREATMENT METHODS</b>	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.

<b>SECTION 14: TRANSPORT INFORMATION</b>	
<b>14.1 TRANSPORT INFORMATION</b>	
<b>UN NUMBER</b>	<b>ROAD:</b> UN 3082 <b>SEA:</b> UN 3082 <b>AIR:</b> UN 3082
<b>14.2 UN Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S. (ALPHA-CEDRENE).
<b>14.3 TRANSPORT HAZARD CLASS(ES)</b>	ADR/RID/ADN CLASS: 9. IMDG CLASS: 9. <i>Miscellaneous dangerous substances and articles.</i> ICAO CLASS/DIVISION: 9.  TRANSPORT LABELS: 
<b>14.4 PACKING GROUP</b>	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III
<b>14.5 ENVIROMENTAL HAZARDS</b>	ENVIRONMENTALLY HAZARDOUS / MARINE POLLUTANT. 
<b>14.6</b>	EMS F-A-S-F



SPECIAL PRECAUTIONS FOR USER	EMERGENCY ACTION CODE 3Z HAZARD NO. (ADR) 90 ENVIRONMENTALLY HAZARDOUS SUBSTANCE; MISCELLANEOUS DANGEROUS SUBSTANCES. TUNNEL RESTRICTION CODE (E)
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	TARIFF: 33012911.
<b>SECTION 15: REGULATORY INFORMATION</b>	
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) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
APPROVED CODE OF PRACTICE	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.
<b>SECTION 16: OTHER INFORMATION</b>	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.  H315 - CAUSES SKIN IRRITATION.  H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.  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.  H413 - MAY CAUSE LONG LASTING HARMFUL EFFECTS TO AQUATIC LIFE.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.

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	<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
REVIEW	2021



## SPECIFICATION SHEET

**PRODUCT NAME: CEDARWOOD ATLAS, ESSENTIAL OIL**

PRODUCT INCI: CEDRUS ATLANTICA BARK OIL

CAS NUMBER: 92201-55-3 / 8000-27-9

EINECS NUMBER: 295-985-9

SHELF LIFE/BEST BEFORE: 36 MONTHS

DOCUMENTATION REVIEW: 2021

ANALYTICAL DETAILS	RANGE
APPEARANCE	LIQUID
COLOUR	CLEAR PALE YELLOW
ODOUR	CHARACTERISTIC, SWEET – WOODY - BALSAMIC
SPECIFIC GRAVITY @ 20°C	0.920 – 0.960
REFRACTIVE INDEX @ 20°C	1.500 – 1.530
OPTICAL ROTATION (°C)	+25.0 TO +75.0

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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## **GMO Statement**

PRODUCT NAME: Cedarwood Atlas

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

## **Vegetarian & Vegan Suitability Statement**

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.