

MYSTIC MOMENTS

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SPRUCE HEMLOCK, ESSENTIAL OIL

BATCH NUMBER: 4464902

PRODUCT INCI: TSUGA CANADENSIS LEAF OIL

PRODUCT CODE: OESPRUHEML

CAS NUMBER: NA

EINECS NUMBER: NA

MANUFACTURING METHOD: STEAM DISTILLATION

BEST BEFORE DATE: MARCH 2025

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	COLOURLESS - YELLOW	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.875 – 0.898	0.890
REFRACTIVE INDEX @ 20°C	1.460 – 1.480	1.469
OPTICAL ROTATION (°C)	-60.0 TO -38.0	-44.9

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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ALLERGEN STATEMENT

PRODUCT NAME: **SPRUCE HEMLOCK, 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	18.0 - 30.0
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

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FOOD ALLERGENS

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

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MANUFACTURING FLOW & INCI STATEMENT

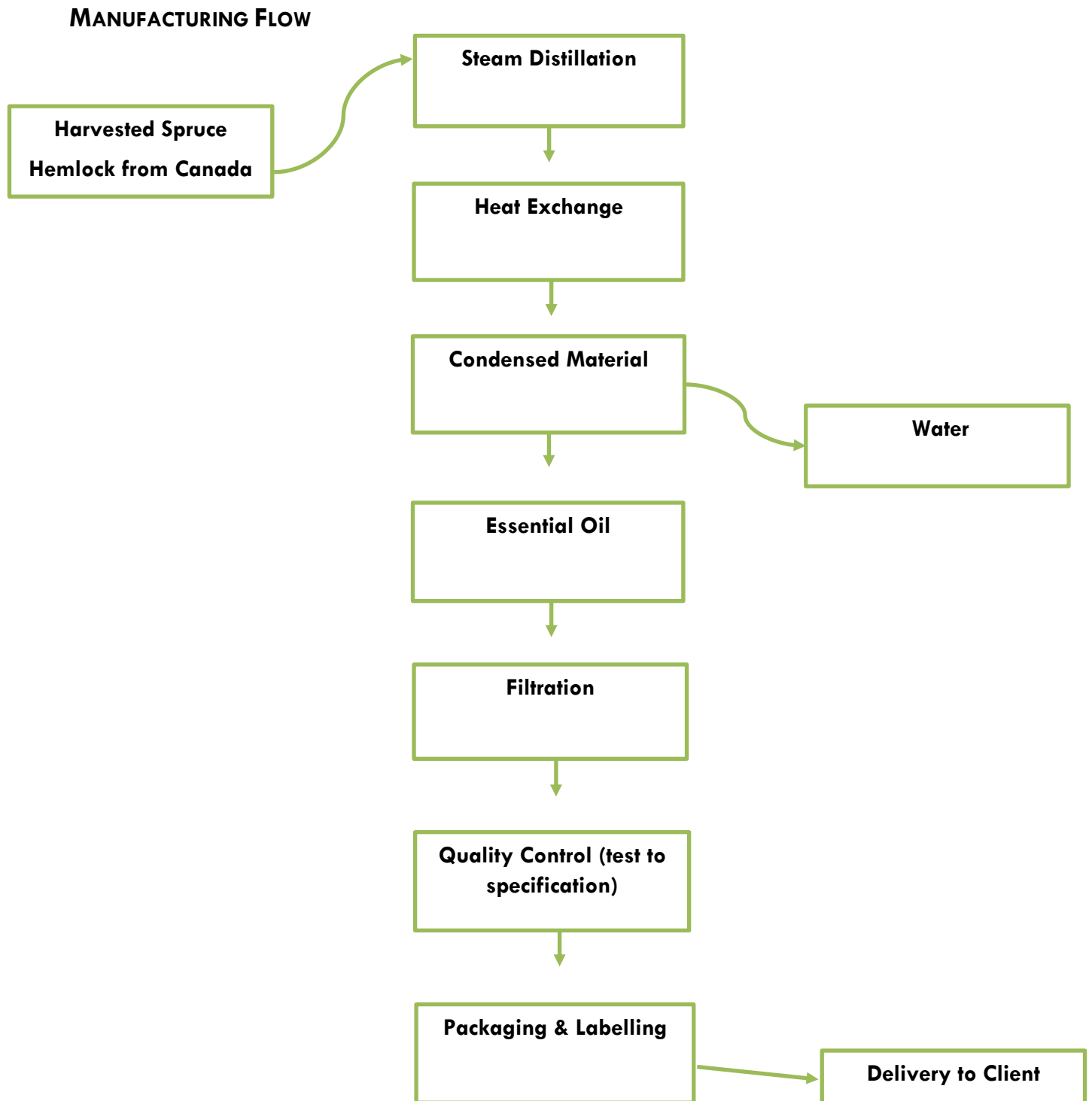
PRODUCT NAME: **SPRUCE HEMLOCK, ESSENTIAL OIL**

INCI STATEMENT

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

INCI Name	% Inclusion	CAS Number
Tsuga Canadensis Leaf Oil	100	Not Listed.

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TYPICAL GC STATEMENT

PRODUCT NAME: **SPRUCE HEMLOCK, ESSENTIAL OIL**

COMPONENT NAME	% AREA	COMMENTS
<i>Alpha-Pinene</i>	16.8	
Camphene	20.1	
Beta-Pinene	3.8	
Delta-3-Carene	5.2	
Limonene	21.6	
Bornyl Acetate	21.1	

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GMO Statement

PRODUCT NAME: Spruce Hemlock

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

09-02-2022

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IFRA STATEMENT

PRODUCT NAME: **SPRUCE HEMLOCK, ESSENTIAL OIL**

PRODUCT INCI: TSUGA CANADENSIS LEAF OIL

WE CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 49 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 49TH AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 30.0	Specification

Additional comments:

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

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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 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: 1907/2006

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

1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	SPRUCE HEMLOCK, ESSENTIAL OIL				
BIOLOGICAL DEFINITION	TSUGA CANADENSIS LEAF OIL IS THE VOLATILE OIL OBTAINED FROM THE LEAVES OF TSUGA CANADENSIS, PINACEAE				
INCI NAME	TSUGA CANADENSIS LEAF OIL				
SYNONYMS & TRADE NAMES	N/A				
INTERNAL PRODUCT CODE	OESPRUHEML				
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@madarcorporation.co.uk				
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET					
EMERGENCY CONTACTS	01425 655 555				

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SECTION 2: HAZARDS IDENTIFICATION	
2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	FLAM. LIQ. 3 (H226) ASP. TOX. 1 (H304) SKIN IRRIT. 2 (H315) EYE IRRIT. 2 (H319) SKIN SENS. 1 (H317) AQUATIC ACUTE 1 (H400) AQU. CHRON. 1 (H410)
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
GHS LABEL	    GHS02 GHS07 GHS08 GHS09
SIGNAL WORD	DANGER.
CONTAINS	ALPHA-PINENE, BETA-PINENE, D-LIMONENE, CAMPHENE.
HAZARDS STATEMENT	<i>H226 FLAMMABLE LIQUID AND VAPOUR.</i> <i>H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.</i> <i>H315 CAUSES SKIN IRRITATION.</i> <i>H317 MAY CAUSE AN ALLERGIC SKIN REACTION.</i> <i>H319 CAUSES SERIOUS EYE IRRITATION.</i> <i>H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</i>
PRECAUTIONARY STATEMENTS	P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. NO SMOKING. P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING AND EYE/FACE PROTECTION. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR. P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P331 DO NOT INDUCE VOMITING. P370+P378 IN CASE OF FIRE: USE CARBON DIOXIDE OR POWDER EXTINGUISHER TO EXTINGUISH. P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDLING.
SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.	
2.3 OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO DATA.
ADVERSE EFFECTS ON HUMAN HEALTH	NO DATA.
PBT OR VPVB ACCORDING TO ANNEX XIII	THIS MIXTURE DOES NOT CONTAIN ANY SUBSTANCES THAT ARE ASSESSED TO BE A PBT OR A VPVB.
SECTION 3: COMPOSITION OF INGREDIENTS	

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3.2 MIXTURES	<p>15-30% D-LIMONENE CAS-No.: 5989-27-5 EC No.: 227-81 3-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 – H226, ASP TOX. 1 – H304, SKIN IRRIT 2 – H315, SKIN SENS. 1 – H317 AQUATIC ACUTE 1 – H400, AQUATIC CHRONIC 1 – H410</p>
	<p>15-25% CAMPHENE CAS-No.: 79-92-5 EC No.:201-234-8 CLASSIFICATION (EC 1272/2008) FLAM. SOL. 1 – H228, EYE IRRIT 2 – H319, AQUATIC ACUTE 1 – H400, AQUATIC CHRONIC 1- H410</p>
	<p>10-20% ALPHA-PINENE CAS-No.: 80-56-8 EC No.: 201-291-9 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4- H302, ASP. TOX. 1- H304, SKIN IRRIT. 2- H315, SKIN SENS. 1- H317, AQUATIC ACUTE 1- H400, AQUATIC CHRONIC 1- H410</p>
	<p>1-7% DELTA-3-CARENE CAS-No.: 13466-78-9 EC No.: 236-719-3 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1- H304, SKIN IRRIT. 2 H315, SKIN SENS. 1- H317, AQUATIC CHRONIC 3 - H412</p>
	<p>2-5% BETA-PINENE CAS-No.: 127-91-3 EC No.: 204-872-5 CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1- H304, SKIN IRRIT. 2- H315, SKIN SENS. 1- H317, AQUATIC ACUTE 1- H400, AQUATIC CHRONIC 1- H410</p>
<p>0.5-3% TERPINOLENE CAS-No.: 586-62-9 EC No.: 209-578-0 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1- H304, SKIN SENS. 1B- H317, AQUATIC ACUTE 1- H400, AQUATIC CHRONIC 1- H410</p>	

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	DO NOT LEAVE AFFECTED PERSON UNATTENDED, REMOVE VICTIM OUT OF THE DANGER AREA. PROVIDE FRESH AIR. GET MEDICAL ADVICE/ATTENTION.
INGESTION	RINSE MOUTH WITH WATER (ONLY IF THE PERSON IS CONSCIOUS). DO NOT INDUCE VOMITING. IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER.
SKIN CONTACT	AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER AND SOAP. REMOVE CONTAMINATED CLOTHING IMMEDIATELY. GET MEDICAL ADVICE/ATTENTION.
EYE CONTACT	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	OBSERVE RISK OF ASPIRATION IF VOMITING OCCURS.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.


SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	IN CASE OF INSUFFICIENT VENTILATION AND/OR IN USE, MAY FORM FLAMMABLE/EXPLOSIVE VAPOUR-AIR MIXTURE. PLACES WHICH ARE NOT VENTILATED, E.G. UNVENTILATED BELOW GROUND LEVEL AREAS SUCH AS TRENCHES, CONDUITS AND SHAFTS, ARE PARTICULARLY PRONE TO THE PRESENCE OF FLAMMABLE SUBSTANCES OR MIXTURES. HAZARDOUS COMBUSTION PRODUCTS - CARBON MONOXIDE (CO), CARBON DIOXIDE (CO2)
5.3 ADVICE FOR FIRE-FIGHTERS	IN CASE OF FIRE AND/OR EXPLOSION; DO NOT BREATHE FUMES. CO-ORDINATE FIREFIGHTING MEASURES TO THE FIRE SURROUNDINGS. DO NOT ALLOW FIREFIGHTING WATER TO ENTER DRAINS OR WATER COURSES. COLLECT CONTAMINATED FIREFIGHTING WATER SEPARATELY. FIGHT FIRE WITH NORMAL PRECAUTIONS FROM A REASONABLE DISTANCE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
6.2	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY

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ENVIRONMENTAL PRECAUTIONS	GUIDELINES.
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	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.
6.4 REFERENCES TO OTHER SECTIONS	HAZARDOUS COMBUSTION PRODUCTS: SEE SECTION 5. PERSONAL PROTECTIVE EQUIPMENT: SEE SECTION 8. INCOMPATIBLE MATERIALS: SEE SECTION 10. DISPOSAL CONSIDERATIONS: SEE SECTION 13.
SECTION 7: HANDLING & STORAGE	
7.1 PRECAUTIONS FOR SAFE-HANDLING	USE LOCAL AND GENERAL VENTILATION. USE ONLY IN WELL-VENTILATED AREAS. AVOIDANCE OF IGNITION SOURCES. KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT. USE ONLY NON-SPARKING TOOLS. DUE TO DANGER OF EXPLOSION, PREVENT LEAKAGE OF VAPOURS INTO CELLARS, FLUES AND DITCHES. PLACES WHICH ARE NOT VENTILATED, E.G. UNVENTILATED BELOW GROUND LEVEL AREAS SUCH AS TRENCHES, CONDUITS AND SHAFTS, ARE PARTICULARLY PRONE TO THE PRESENCE OF FLAMMABLE SUBSTANCES OR MIXTURES. VAPOURS ARE HEAVIER THAN AIR, SPREAD ALONG FLOORS AND FORM EXPLOSIVE MIXTURES WITH AIR. VAPOURS MAY FORM EXPLOSIVE MIXTURES WITH AIR. DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY. WASH HANDS AFTER USE. DO NOT EAT, DRINK AND SMOKE IN WORK AREAS.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE. USE LOCAL AND GENERAL VENTILATION. STORE AT TEMPERATURES NOT EXCEEDING 25 °C. KEEP COOL. PROTECT FROM SUNLIGHT. KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. PROTECT FROM SUNLIGHT. KEEP CONTAINER TIGHTLY CLOSED IN A COOL PLACE.
7.3 SPECIFIC END USE(S)	NO DATA.
SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION	
8.1 CONTROL PARAMETERS	NO DATA.
8.2 EXPOSURE CONTROLS	
EYE PROTECTION	USE PROTECTION GOGGLES ACCORDING TO EN166.
HAND PROTECTION	USE SOLVENT AND ACID RESISTANT PROTECTION GLOVES ACCORDING TO EN 374. THE QUALITY OF THE PROTECTIVE GLOVES RESISTANT TO CHEMICALS MUST BE CHOSEN AS A FUNCTION OF THE SPECIFIC WORKING PLACE CONCENTRATION AND QUANTITY OF HAZARDOUS SUBSTANCES. TAKE RECOVERY PERIODS FOR SKIN REGENERATION.
RESPIRATORY EQUIPMENT	GENERALLY UNNECESSARY IN A WELL VENTILATED AREA. IF VENTILATION IS INSUFFICIENT, RESPIRATORY PROTECTION MUST BE WORN.
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.
ENGINEERING MEASURES	GENERAL VENTILATION.
SKIN PROTECTION	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.
PERSONAL PROTECTION	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.
PROCESS CONDITIONS	ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH.
ENVIROMENTAL EXPOSURE CONTROLS	AVOID DISCHARGING INTO DRAINAGE WATER.


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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	
9.1 PHYSICAL & CHEMICAL PROPERTIES	
APPEARANCE	LIQUID
COLOUR	COLOURLESS TO SLIGHTLY YELLOW
ODOUR	CHARACTERISTIC.
RELATIVE DENSITY	APPROX 0.886 @ 20°C
FLASH POINT (°C)	42°C
REFRACTIVE INDEX @ 20 °C	APPROX. 1.470 @ 20°C
SOLUBILITY IN WATER @ 20 °C	INSOLUBLE IN WATER.
9.2 OTHER INFORMATION	NO DATA.
SECTION 10: STABILITY & REACTIVITY	
10.1 REACTIVITY	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS, BY ITSELF OR IN CONTACT WITH WATER. STABLE UNDER NORMAL TEMPERATURE AND STORAGE CONDITIONS AND RECOMMENDED USE. IF HEATED, THERE IS A RISK OF IGNITION.
10.2 CHEMICAL STABILITY	STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	NO.
10.4 CONDITIONS TO AVOID	KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. TEMPERATURES HIGHER THAN AMBIENT TEMPERATURE SUPPORT THE TRANSITION FROM LIQUID PHASE TO VAPOUR AND MAY GENERATE EXPLOSIVE ATMOSPHERE. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONGER PERIODS, NOT TO SUPPORT THE FORMATION OF PEROXIDES AND PRODUCT DETERIORATION. USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT. USE ONLY NON-SPARKING TOOLS. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.
10.5 INCOMPATIBLE MATERIALS	AVOID: ACIDS, BASES, OXIDISERS, REDUCING AGENTS.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	REASONABLY ANTICIPATED HAZARDOUS DECOMPOSITION PRODUCTS PRODUCED AS A RESULT OF USE, STORAGE, SPILL AND HEATING ARE NOT KNOWN. HAZARDOUS COMBUSTION PRODUCTS: SEE SECTION 5.


SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	NOT CLASSIFIED.
SKIN IRRITATION	MAY CAUSE AN ALLERGIC SKIN REACTION.
EYE DAMAGE OR IRRITATION	MAY CAUSE SERIOUS EYE IRRITATION.
RESPIRATORY OR SKIN SENSITIVITY	NO DATA.
GERM CELL MUTAGENICITY	NO DATA.
CARCINOGENICITY	NOT APPLICABLE.
REPRODUCTIVE TOXICITY	NOT APPLICABLE.
STOT – SINGLE EXPOSURE	NOT APPLICABLE.
STOT – REPEATED EXPOSURE	NOT APPLICABLE.
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
OTHER INFORMATION	NO DATA.

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SECTION 12: ECOLOGICAL INFORMATION	
12.1 TOXICITY	ADOPT GOOD WORKING PRACTICES, SO THAT THE PRODUCT IS NOT RELEASED INTO THE ENVIRONMENT. VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	NO DATA
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA
12.4 MOBILITY IN SOIL	NO DATA
12.5 RESULTS OF PBT & VPVB ASSESSMENT	THIS MIXTURE DOES NOT CONTAIN ANY SUBSTANCES THAT ARE ASSESSED TO BE A PBT OR A VPVB.
12.6 OTHER ADVERSE EFFECTS	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
SECTION 13: DISPOSAL INFORMATION	
13.1 WASTE TREATMENT METHODS	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION	
14.1 TRANSPORT INFORMATION	
	UN NUMBER ROAD: 1272 RAIL: 1272 AIR: 1272
14.2 UN SHIPPING NAME	PINE OIL
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID/ADN CLASS: 3: (F1) FLAMMABLE LIQUIDS ADR HI No: 30 IMDG CLASS: 3: FLAMMABLE LIQUIDS ICAO CLASS/DIVISION: 3: FLAMMABLE LIQUIDS TRANSPORT LABELS  EAC – 3Y HIN - 30
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III

MYSTIC MOMENTS

14.5 ENVIRONMENTAL HAZARDS	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT 
14.6 SPECIAL PRECAUTIONS FOR USER	SEE SECTION 6 SEE SECTION 8
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	PACKED AND TRANSFERRED ACCORDING TO TRANSPORT REGULATIONS.
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 TH 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	-

SECTION 16: OTHER INFORMATION	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 FLAMMABLE LIQUID AND VAPOUR. H228 FLAMMABLE SOLID. H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	

MYSTIC MOMENTS

MSDS	MATERIAL SAFETY DATA SHEET.
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
CAS	CHEMICAL ABSTRACT SERVICE.
IMDG	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
RID	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
ICAO	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
ADN	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
TREM CARD	TRANSPORT EMERGENCY CARD.
STOT	SPECIFIC TARGET ORGAN TOXICITY.

DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10 TH APRIL 2018	DATA LAUNCH
DECEMBER 2020	REVIEW

MYSTIC MOMENTS

SPECIFICATION SHEET

PRODUCT NAME: SPRUCE HEMLOCK, ESSENTIAL OIL

PRODUCT INCI: TSUGA CANADENSIS LEAF OIL

PRODUCT CODE: OESPRUHEML

CAS NUMBER: NOT LISTED

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: STEAM DISTILLATION

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	RANGE
APPEARANCE	LIQUID
COLOUR	COLOURLESS – SLIGHTLY YELLOW
ODOUR	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.875 – 0.898
REFRACTIVE INDEX @ 20°C	1.460 – 1.480
OPTICAL ROTATION (°C)	-60.0 TO -38.0

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

DECEMBER 2020

MYSTIC MOMENTS

Document Date: 09-02-2022

STATEMENT

We hereby certify that our Spruce Hemlock is suitable for vegetarians and vegans