SAFETY DATA SHEET
(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

1.1. Product identifier

Product name : **GREEN WOOD - natural fragrance**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Cosmetic-grade fragrance compound

1.3. Details of the supplier of the safety data sheet

Supplier name: SC Herodio Crafts SRL Sediu social: Str Pravat nr 14 bl P7 ap 124 sector 6 Bucuresti. Punct de lucru: str Topaz nr 2 Bragadiru Ilfov. Tel/fax 0733970868/0372874712. www.aroma-shop.ro. office@aroma-shop.ro

1.4. Emergency phone number: 0040 21 3183606 -INSPB

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Flammable liquid, Category 3(Flam. Liq. 3, H226).
Skin irritation, Category 2 (Skin Irrit. 2, H315).
Eye irritation, Category 2(Eye Irrit. 2, H319).
Skin sensation, Category 1B (Skin Sens. 1B, H317).
Aspiration hazard, Category 1 (As. Tox., H304).
Hazardous to the aquatic environment - Acute hazard, Category 1(Aquatic Acute 1, H400).
Hazardous to the aquatic environment - Chronic hazard, Category 1 (Aquatic Chronic 1, H410).

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :

GHS07 GHS09 GHS08 GHS02

Signal Word :

DANGER
Product identifiers (list of classified components) :

227-813-5	D-LIMONENE
226-394-6	CITRAL
204-872-5	B-PINENE
204-622-5	MYRCENE
202-794-6	G-TERPINENE
201-291-9	ALPHA-PINENE X
203-341-5	GERANYL ACETATE
207-431-5	EUCALYPTOL
203-377-1	GERANIOL
209-578-0	TERPINOLENE
203-378-7	NEROL

Additional labeling :

Hazard statements:

H226	Flammable liquid and vapour.
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.

Precautionary statements - Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection

Precautionary statements - Response:

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.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Precautionary statements - Storage:

P403+P235 Store in a well-ventilated place. Keep cool
Precautionary statements - Disposal
P501 Dispose of contents/container in accordance with local regulation.

2.3 Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Identification	(EC)1272/2008	Note	%
CAS: 5989-27-5 EC: 227-813-5 D-LIMONENE	GHS08,GHS02,GHS07, GHS09 Dgr Asp. Tox. 1, H304 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		25 <= x % < 50
CAS: 115-95-7 EC: 204-116-4 REACH: 01-2119454789-19-0000 LINALYL ACETATE	GHS07 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315		2,5 <= x % < 10
CAS: 78-70-6 EC: 201-134-4 LINALOOL	GHS07 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315		2,5 <= x % < 10
CAS: 5392-40-5 EC: 226-394-6 REACH: 01-2119462829-23-0000 CITRAL	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319		1 <= x % < 2,5
CAS: 127-91-3 EC: 204-872-5	GHS08, GHS02, GHS07 Dgr Asp. Tox. 1, H304		

B-PINENE	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317	[1]	1 <= x % < 2,5
CAS: 123-35-3 EC: 204-622-5 MYRCENE	GHS08, GHS02, GHS07 Dgr Asp. Tox. 1, H304 Eye Irrit. 2, H319 Flam. Liq. 3, H226 Skin Irrit. 2, H315		1 <= x % < 2,5

CAS: 99-85-4 EC: 202-794-6 G-TERPINENE	GHS08, GHS02 Dgr Asp. Tox. 1, H304 Flam. Liq. 3, H226		1 <= x % < 2,5
CAS: 80-56-8 EC: 201-291-9 REACH: 01-2119519223-49-0000 ALPHA-PINENE X	GHS08, GHS02, GHS07 Dgr Asp. Tox. 1, H304 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317	[1]	0<=x%<1
CAS: 105-87-3 EC: 203-341-5 GERANYL ACETATE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412		0<=x%<1
CAS: 470-82-6 EC: 207-431-5 REACH: 01-2119967772-24-0000 EUCALYPTOL	GHS02, GHS07 Wng Flam. Liq. 3, H226 Skin Sens. 1B, H317		0<=x%<1
CAS: 106-24-1 EC: 203-377-1 GERANIOL	GHS05, GHS07 Dgr Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318		0<=x%<1
CAS: 586-62-9 EC: 209-578-0 TERPINOLENE	HS08, GHS07, GHS09 Dgr Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Acute 1, H400		0<=x%<1

	M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		
CAS: 106-25-2 EC: 203-378-7 NEROL	GHS07 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317		0<=x%<1

Information on ingredients:
[1] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
Watch out for any remaining product between skin and clothing, watches, shoes, etc.
In the event of an allergic reaction, seek medical attention.
If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

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 and consult a doctor.
Keep the person exposed at rest. Do not force vomiting.
Seek medical attention immediately, showing the label.
If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.
If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Flammable

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1 Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Unsuitable methods of extinction

In the event of a fire, do not use:

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3 Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

6.3 Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4 Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled. Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.
Remove and wash contaminated clothing before reusing.
Ensure that there is adequate ventilation, especially in confined areas.
Remove contaminated clothing and protective equipment before entering eating areas.

Fire prevention :

Handle in well-ventilated areas.
Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.
Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.
Never inhale this mixture.
Prevent the accumulation of electrostatic charges with connections to earth.
The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.
Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
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.
Avoid eye contact with this mixtures.
Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the substance is used.
Never open the packages under pressure.

7.2. Conditions for safe storage, including

No data available

Storage

Keep the container tightly closed in a dry, well-ventilated place. Keep away from food and drink, including those for animals.
Keep away from all sources of ignition - do not smoke.
Keep well away from all sources of ignition, heat and direct sunlight. Avoid accumulation of electrostatic charges.
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling	Definition	Criteria
	127-91-3	20ppm	-	-	-
	80-56-8	20ppm	-	-	-

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



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.
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined

areas.

- Eye / face protection

Avoid contact with eyes.
Use eye protectors designed to protect against liquid splashes
Before handling, wear safety goggles with protective sides accordance with standard EN166.
In the event of high danger, protect the face with a face shield.
Prescription glasses are not considered as protection.
Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.
Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation.
Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
Type of gloves recommended :

- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.
Wear suitable protective clothing.
Suitable type of protective clothing :
In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN 14605 to prevent skin contact.
In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN 13034 to prevent skin contact. 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General information:

Physical state:	Fluid liquid

Important health, safety and environmental information

pH:	Not relevant
Boiling point/boiling range:	Not specified
Flash Point:	57.00℃
Vapour pressure (at 50℃):	Not relevant
Density:	0,932+/-0,010@20℃

Water solubility:	Insoluble
Viscosity:	v<7mm^2/s (40°C)
Melting point/melting range:	Not specified
Self ignition temperature:	Not specified
Decomposition point/decomposition range:	Not specified
Index refraction:	1,461+/-0,005

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

10.5. Incompatible materials

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. May cause

irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.
Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.
Splashes in the eyes may cause irritation and reversible damage.
May cause an allergic reaction by skin contact.
Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

11.1.1 Substances

Acute toxicity:

NEROL (CAS: 106-25-2)
Oral route: LD50 = 4500 mg/kg
TERPINOLENE (CAS: 586-62-9)
Oral route: LD50 = 3850 mg/kg
GERANIOL (CAS: 106-24-1)
Oral route: LD50 = 3600 mg/kg
EUCALYPTOL (CAS: 470-82-6)
Oral route: LD50 = 2480 mg/kg
ALPHA-PINENE X (CAS: 80-56-8)
Oral route: LD50 = 3500 mg/kg
G-TERPINENE (CAS: 99-85-4)
Oral route: LD50 = 3850 mg/kg
LINALOOL (CAS: 78-70-6)
Oral route: LD50 = 2790 mg/kg

11.1.2 Complex substances

Aspiration hazard:

May be fatal if swallowed and enters airways.
Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12: ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects.
The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.2 Complex substance

No aquatic toxicity data available for the substances.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil.

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

14.1. UN number

1266

14.2. UN proper shipping name

UN1266 = PERFUMERY PRODUCTS

14.3. Transport hazard class(es)

- Classification: 3

14.4 Packing group

III

14.5 Environmental hazards

- Environmentally hazardous material

14.6 Special precautions for users

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	III	3	30	5L	163 640E	E1	3	D/E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	3	-	III	5L	F-E,S-D	163 223 904 955	E1			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	Note	EQ	
	3	-	III	355	60 L	366	220 L	A3 A72	E1	
	3	-	III	Y334	10 L	-	-	A3 A72	E1	

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014

- Container information:

No data available.

- Particular provisions :

No data available.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=2 Flammability=2 Instability/Reactivity=1 Specific Risk=none

15.2. Chemical safety assessment

No data available

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

16.1 DERMAL ALLERGENS

Products	CAS number	Origine		TOTAL (% max.)
		Natural [%]	Synthetic [%]	
Amyl Cinnamyl Alcohol	101-85-9	-	-	-
Amyl Cinnamal	122-40-7	-	-	-
Anise Alcohol	105-13-5	-	-	-
Benzyl Alcohol	100-51-6	--	-	-
Benzyl Benzoate	120-51-4	-	-	-
Benzyl Cinnamate	103-41-3	-	-	-
Benzyl Salicylate	118-58-1	-	-	-
Cinnamyl Alcohol	104-54-1	-	-	-
Cinnamal	104-55-2	-	-	-
Citral	5392-40-5	1,8718	-	1,8718
Citronellol	106-22-9	0,0343	-	0,0343
Coumarin	91-64-5	0,0028	-	0,0028
Eugenol	97-53-0	-	-	-
Farnesol	4602-84-0	0,0018	-	0,0018
Geraniol	106-24-1	0,2685	-	0,2685
Hexyl Cinnamal	101-86-0	-	-	-
Hydroxycitronellal	107-75-5	-	-	-
Isoeugenol	97-54-1	-	-	-
Butylphenyl methylpropional	80-54-6	-	-	-
d-Limonene	5989-27-5	49,4928	-	49,4928
Linalool	78-70-6	2,8840	-	2,8840
4-Hydroxy	31906-04-4	-	-	-

Isohexyl-3-Cyclohexene Carboxaldehyde				
Methyl-2-Octynoate	111-12-6	-	-	-
Alpha Iso Methyl Ionone	127-51-5	-	-	-
Evernia prunastri	90028-68-5	-	-	-
Evernia furfuracea	90028-67-4	-	-	-

These concentrations are calculated. "-": <1ppm

Wording of the phrases mentioned in section 3 :

H226	Flammable liquid and vapour.
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..
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations:

ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefährdungsklasse (Water Hazard Class).
GHS02: Flame
GHS07 : Exclamation mark
GHS08: Health hazard
GHS09 : Environment
PBT: Persistent, bioaccumulative and toxic.
vPvB : Very persistent, very bioaccumulative.

SVHC : Substances of very high concern.