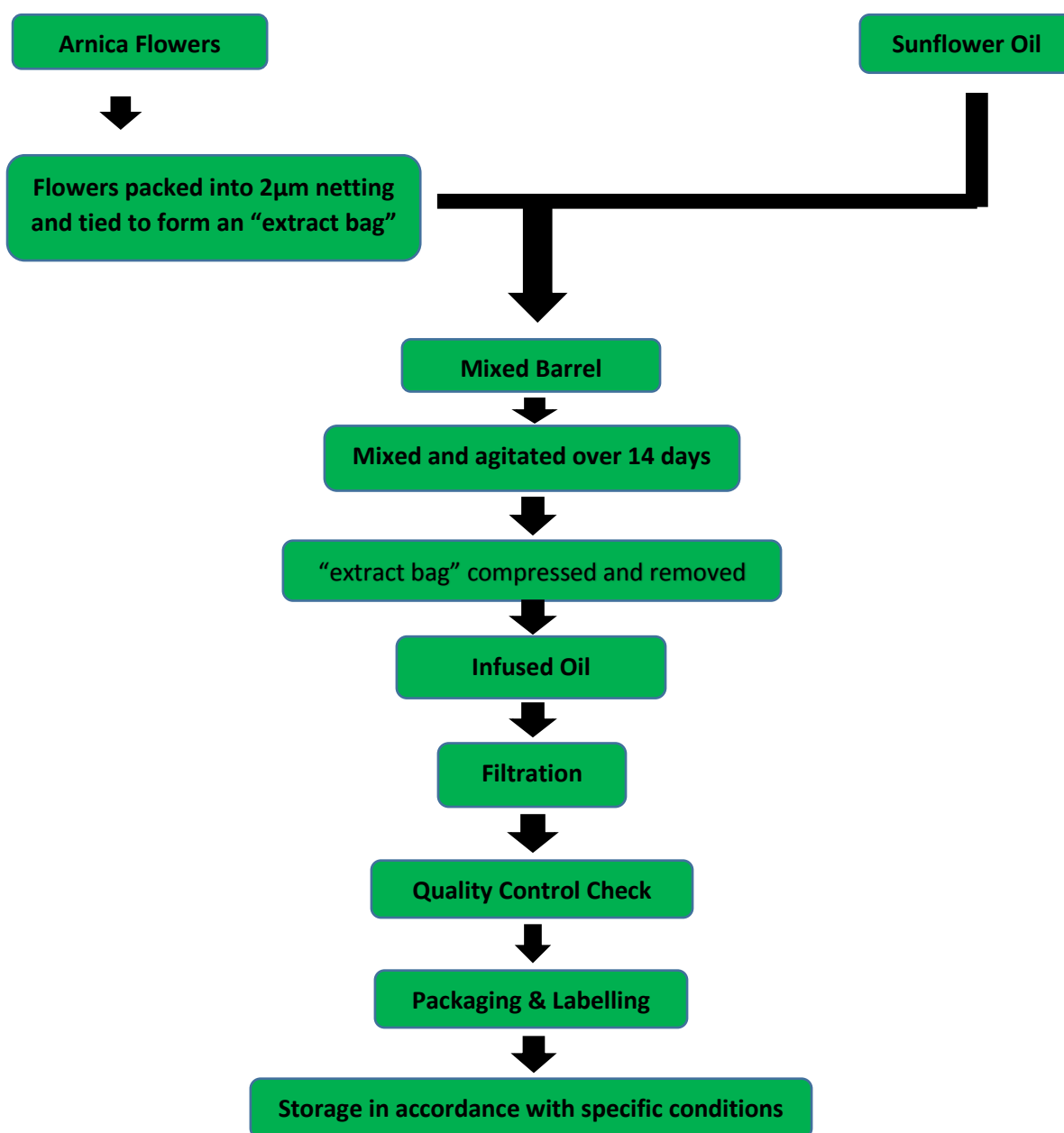




Product Name	Arnica Infused in Sunflower Oil
Date	20.09.2018





**Document Date:**

**September 2018**

### **STATEMENT**

We hereby certify that Arnica Infused in Sunflower Oil, is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing and purifying of the oil.



Product Name	Arnica Infused in Sunflower Oil		
Product Code	HEARNI		
Revision No	1	Date	04 Feb 2019

#### **INCI LISTING**

INCI Name	% Inclusion
Arnica Montana Cas. No. 68990-11-4	20%
Helianthus Annus Seed Cas. No. 8001-21-6	80%

**INCI names listed have been sourced from the CosIng European Commission database  
The INCI listing is to the best of our knowledge, based on the information supplied, correct  
at the time of sending.**



## Material Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1	PRODUCT IDENTIFIER	
	PRODUCT NAME	Arnica Infused in Sunflower Oil
	PRODUCT CODE	WHC122
	INCI NAME	Arnica Montana Flower Extract Helianthus Annuus Seed Oil
	CAS	68990-11-4 8001-21-6
	EC	273-579-2 232-273-9
	REACH REGISTRATION NO. (if applicable)	Exempt
1.2	RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE, AND USES ADVISED AGAINST	
	Flavours, Cosmetics, Pharmaceuticals - Professional applications only.	
1.3	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
1.4	EMERGENCY TELEPHONE NUMBER	
	Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/ denně) Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)	

### 02. HAZARDS IDENTIFICATION

2.1	CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	
	CLASSIFICATION (EC 1272/2008)	
	Not classified as hazardous.	
2.2	LABEL ELEMENTS	
	LABEL IN ACCORDANCE WITH (EC) NO 1272/2008	
	None	
	SIGNAL WORD	None
	HAZARD STATEMENTS	
	None	
	PRECAUTIONARY STATEMENTS AND/OR SUPPLEMENTARY STATEMENTS	
	None	
	SUPPLEMENTARY STATEMENTS	
	None	
2.3	OTHER HAZARDS	
	ADVERSE EFFECTS ON HUMAN HEALTH	No additional data

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<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	No additional data
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### **03. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>3.1/3.2</b>	<b>SUBSTANCES/MIXTURES</b>
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	No additional data
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### **04. FIRST AID MEASURES**

<b>4.1</b>	<b>DESCRIPTION OF FIRST AID MEASURES</b>
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<b>INHALATION</b>	Remove to fresh air and remain in a position which is comfortable for breathing. Seek medical attention.
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<b>INGESTION</b>	Do NOT induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Seek medical attention.
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<b>SKIN CONTACT</b>	Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.
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<b>EYE CONTACT</b>	Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove to contact lenses and continue to rinse. Seek medical attention.
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<b>4.2</b>	<b>MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED</b>
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	No additional data
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<b>4.3</b>	<b>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED</b>
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	Treat symptomatically.
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### **05. FIREFIGHTING MEASURES**

<b>5.1</b>	<b>EXTINGUISHING METHODS</b>
------------	------------------------------

- |  |   |
|--|---|
|  | <ul style="list-style-type: none"><li>- Carbon Dioxide</li><li>- Alcohol Resistant Foam</li><li>- Dry Chemical Powder</li></ul> |
|--|---|

	Do NOT use water.
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<b>5.2</b>	<b>HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>
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	In the event of fire this product can generate oxides of carbon and other toxic gases. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
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<b>5.3</b>	<b>ADVICE FOR FIREFIGHTERS</b>
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	Wear self-contained respiratory equipment and appropriate protective clothing at all times. Do not inhale any gases or fumes which may be generated. Containers in close proximity to fire should be removed to a safe distance and the exterior of the container cooled with water.
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### **06. ACCIDENTAL RELEASE MEASURES**

<b>6.1</b>	<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES</b>
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	Wear protective clothing as recommended at all times. Handle the product using protective gloves resistant to the
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## Material Safety Data Sheet

	chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.
<b>6.2</b>	<b>ENVIROMENTAL PRECAUTIONS</b>
	Do not allow the product to enter drains or sewers, water course or the ground. Do not allow the product to enter the environment.
<b>6.3</b>	<b>METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP THIS PRODUCT</b>
	Prevent spillage from spreading by using sand or earth and use absorbent material such as sand and earth to soak up liquid. Prevent from going into ground water, surface water or sewage. Notify relevant authorities if product enters sewers or public waters. If solidified, shovel into containers.
<b>6.4</b>	<b>REFERENCE TO OTHER SECTIONS</b>
	Sections 8 & 13

### **07. EXPOSURE CONTROLS AND/OR PERSONAL PROTECTION**

<b>7.1</b>	<b>PRECAUTIONS FOR SAFE HANDLING</b>
	Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Do not eat, drink or smoke whilst handling this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
<b>7.2</b>	<b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>
	Store in a cool, dry, well-ventilated area. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use. Use only non-sparking tools. Take precautionary measures against static discharge. Maintain limited contact with oxygen.
<b>7.3</b>	<b>SPECIFIC END USE(S)</b>
	No additional data

### **08. EXPOSURE CONTROLS**

<b>8.1</b>	<b>CONTROL PARAMETERS</b>
	No additional data
<b>8.2</b>	<b>EXPOSURE CONTROLS</b>
	<b>PROTECTIVE EQUIPMENT</b>
	   <p>Use all equipment as required and/or recommended for safe handling.</p>
	<b>PROCESS CONDITIONS</b>
	No additional data
	<b>ENGINEERING MEASURES</b>
	Install sufficient ventilation across all areas. Install readily available eyewash stations and safety showers.
	<b>RESPIRATORY EQUIPMENT</b>
	In the event of ventilation failure or airborne contamination ensure the use of



## Material Safety Data Sheet

	appropriate respiratory equipment/protection. Do not inhale and mist, vapours, gases which are generated.
<b>HAND PROTECTION</b>	Wear appropriate protective gloves which comply with EN374.
<b>EYE PROTECTION</b>	Wear appropriate protective safety goggles which comply with EN166.
<b>HYGIENE MEASURES</b>	Good hygiene practices are always recommended, especially when handling oils, chemicals or any other similar type of material.
<b>SKIN PROTECTION</b>	Wear appropriate protective chemically resistant clothing at all times to prevent any potential skin contact with this product.
<b>ENVIRONMENTAL EXPOSURE CONTROLS</b>	Do not allow the product to enter drains or sewers, water course or the ground. Prevent environmental contamination.
<b>OTHER AND/OR PERSONAL PROTECTIVE MEASURES</b>	No additional data

### 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>7.1</b>	<b>INFORMATION ON BASIC PHYSICAL &amp; CHEMICAL PROPERTIES</b>
<b>APPEARANCE (E.G. LIQUID)</b>	Liquid
<b>COLOUR</b>	Yellow - Green
<b>ODOUR</b>	Characteristic
<b>SPECIFIC GRAVITY</b>	0.902 – 0.925
<b>REFRACTIVE INDEX</b>	1.460 – 1.480
<b>FLASH POINT (°C)</b>	>280.0
<b>AUTO-IGNITION TEMPERATURE (°C)</b>	No additional data
<b>MELTING POINT (°C)</b>	No additional data
<b>BOILING POINT (°C)</b>	>100.0
<b>FLAMMABILITY</b>	No additional data
<b>EXPLOSION LIMITS</b>	No additional data
<b>DECOMPOSITION TEMPERATURE (°C)</b>	No additional data
<b>SOLUBILITY</b>	No additional data
<b>pH</b>	No additional data
<b>VISCOSITY</b>	No additional data
<b>PARTITION COEFFICIENT N-OCTANOL/WATER (log value)</b>	No additional data
<b>VAPOUR PRESSURE</b>	No additional data
<b>VAPOUR DENSITY</b>	No additional data
<b>9.2</b>	<b>ADDITIONAL INFORMATION</b>
	No additional data

### 10. STABILITY & REACTIVITY

<b>10.1</b>	<b>REACTIVITY</b>
	Presents no significant reactivity hazard, by itself or in contact with water.

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<b>10.2</b>	<b>CHEMICAL STABILITY</b>
	Expected to remain stable under recommended storage conditions.
<b>10.3</b>	<b>POSSIBLE HAZARDOUS REACTIONS</b>
	None expected
<b>10.4</b>	<b>CONDITIONS TO AVOID</b>
	Extremes of temperature. All potential sources of ignition.
<b>10.5</b>	<b>INCOMPATIBLE MATERIALS</b>
	Acids, Alkalis, Oxidizing Agents
<b>10.6</b>	<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>
	In the event of fire this product may generate oxides of carbon and other toxic gases.

<b>11. TOXOLOGICAL INFORMATION</b>	
<b>11.1</b>	<b>ACUTE TOXICITY</b>
	Non-toxic product
<b>11.2</b>	<b>SKIN CORROSION/IRRITATION</b>
	No additional data
<b>11.3</b>	<b>SERIOUS EYE DAMAGE/IRRITATION</b>
	No additional data
<b>11.4</b>	<b>RESPIRATORY/SKIN SENSITIZATION</b>
	No additional data
<b>11.5</b>	<b>GERM CELL MUTAGENICITY/CARCINOGENICITY/REPRODUCTIVE TOXICITY</b>
	No additional data
<b>11.6</b>	<b>STOT – SINGLE EXPOSURE</b>
	No additional data
<b>11.7</b>	<b>STOT – REPEATED EXPOSURE</b>
	No additional data
<b>11.8</b>	<b>ASPIRATION HAZARD</b>
	No additional data
<b>11.9</b>	<b>GENERAL AND/OR ADDITIONAL DATA; E.G. PHOTOTOXICITY</b>
	No additional data

<b>12. ECOLOGICAL AFFECTS</b>	
<b>12.1</b>	<b>TOXICITY</b>
	Low - None
<b>12.2</b>	<b>PERSISTENCE &amp; DEGRADABILITY</b>
	>90% (OECD)
<b>12.3</b>	<b>BIOACCUMULATIVE POTENTIAL</b>

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	None
<b>12.4</b>	<b>MOBILITY IN SOIL AND/OR WATER</b>
	Low - None
<b>12.5</b>	<b>RESULTS OF A PBT/vPvB ASSESSMENT</b>
	No additional data
<b>12.6</b>	<b>OTHER ADVERSE EFFECTS</b>
	No additional data

### 13. DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b>WASTE TREATMENT METHODS</b>
	Always dispose of this product in accordance with local and national regulations. Do not allow entry into drains or waterways. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment. Waste management is carried out without endangering human health, without harming the environment and, without risk to water, air, soil, plants, or animals. Recycling is always preferable to disposal. When containers have been fully emptied, ensure the labelling remains.

### 14. TRANSPORT INFORMATION

<b>14.1</b>	<b>UN NUMBER</b>	Not restricted
<b>14.2</b>	<b>UN MODEL REGULATIONS</b>	Not applicable
	<b>IMDG</b>	Not applicable
	<b>ADR, RID, AND</b>	Not applicable
	<b>ICAO TI</b>	Not applicable
<b>14.3</b>	<b>TRANSPORT HAZARD CLASS(ES)</b>	Not applicable
<b>14.4</b>	<b>PACKING GROUP</b>	Not applicable
<b>14.5</b>	<b>ENVIRONMENTAL HAZARDS</b>	Not applicable
<b>14.6</b>	<b>SPECIAL PRECAUTIONS FOR USER</b>	Details throughout document: 6, 7, 8
<b>14.7</b>	<b>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE</b>	No additional data

### 15. REGULATORY INFORMATION

<b>15.1</b>	<b>SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE</b>
	This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP), EC 453/2010&830/2015.
<b>15.2</b>	<b>CHEMICAL SAFETY ASSESSMENT</b>



## Material Safety Data Sheet

	No additional data
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16. OTHER INFORMATION		
16.1	HAZARD STATEMENTS	None
16.2	CONCENTRATION PERCENTAGE LIMITS	No additional data
16.3	TOTAL FRACTIONAL VALUES	No additional data
16.4	KEY - ABBREVIATIONS	- -
16.5	REVISION DATE	10/03/2023
16.6	REVISION NUMBER	2
16.7	REVISION REASON	Document review, new format



Product Name		Arnica Infused in Sunflower Oil			
Date	15/09/2021	Product Code		Rev	3

Description	-				
Appearance	Oily Liquid, Yellow - Golden				
Odour	Characteristic				
INCI Name	Helianthus Annuus Seed Oil Arnica Montana Flower Extract				
CAS Number	8001-21-6 68990-11-4	EC Number	232-273-9 273-579-2		

#### **TEST SPECIFICATION**

Analytical Test		Specification Range
Refractive Index @ 20°C		1.460 – 1.480
Specific Gravity @ 20°C		0.902 – 0.925
Peroxide Value (meq/O <sub>2</sub> /kg)		<15.0
Free Fatty Acid		<1.00
Free Fatty Acid (%)		
C16:0	Palmitic Acid	4.00 – 9.00
C18:0	Stearic Acid	<7.0
C18:1	Oleic Acid	14.0 – 42.0
C18:2	Linoleic Acid	48.0 – 75.0
C18:3	Linolenic Acid	<0.5

#### **STORAGE**

Store in a cool, dry, well-ventilated place. Keep away from heat, freezing and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use.

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.

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## **Product Information – Vegan Suitability**

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**Product:            Arnica Infused in Sunflower**

**We, Ekokoza s.r.o., certify that the above mentioned material is suitable for Vegans.**

**Issue Date: 21/09/18**