

Vitafarm Jacek Ożmina  
Ul. Krokusowa 16  
87-134 Przysiek

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

### 1.1 PRODUCT IDENTIFICATION

<b>PRODUCT NAME</b>	AMYRIS, ESSENTIAL OIL				
<b>BIOLOGICAL DEFINITION</b>	AMYRIS BALSAMIFERA BARK OIL IS THE VOLATILE OIL DISTILLED FROM THE BARK OF THE TREE, AMYRIS BALSAMIFERA, RUTACEAE.				
<b>INCI NAME</b>	AMYRIS BALSAMIFERA BARK OIL				
<b>SYNONYMS &amp; TRADE NAMES</b>	NA				
<b>INTERNAL PRODUCT CODE</b>	K0024				
<b>CAS-No</b>	8015-65-4 / 90320-49-3	<b>EC No.</b>	291-076-6	<b>EINECS No.</b>	291-076-6

### 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**COMPANY ADDRESS** Vitafarm Jacek Ożmina  
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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

<b>CLASSIFICATION (67/548/EEC)</b>	NO ADDITIONAL DATA AVAILABLE.
<b>CLASSIFICATION (EU1272/2008)</b>	HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD CATEGORY 3 H412, HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>2.2 LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
<b>GHS LABEL</b>	NONE.
<b>SIGNAL WORD</b>	NONE.
<b>CONTAINS</b>	NO ADDITIONAL DATA AVAILABLE.
<b>HAZARDS STATEMENT</b>	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>SIGNAL WORD</b>	NONE.
<b>PRECAUTIONARY STATEMENTS</b>	P273, AVOID RELEASE TO THE ENVIRONMENT. P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS.
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	NONE.

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

### 2.3 OTHER HAZARDS

<b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>	NONE.
<b>ADVERSE EFFECTS ON HUMAN HEALTH</b>	NONE.
<b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>	NONE

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### SECTION 3: COMPOSITION OF INGREDIENTS

3.1 SUBSTANCES	1.5% TRANS-NEROLIDOL CAS. NO: 40716-66-3 CLASSIFICATION (EC 1272/2008): EDI 2-EH A1 -EH C1;H319- H410,-
3.2 MIXTURES	NOT APPLICABLE.

### SECTION 4: FIRST AID MEASURES

#### 4.1

##### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL INFORMATION</b>	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
<b>INHALATION</b>	REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.

<b>INGESTION</b>	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.
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.

### 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 FIRE, MAY BE LIBERATED: CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS.
5.3 ADVICE FOR FIRE-FIGHTERS	STANDARD. WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS	AVOID INHALATION. AVOID CONTACT WITH SKIN AND EYES. SEE PROTECTIVE MEASURES UNDER SECTION 7 AND 8
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY 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	REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

### SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE-HANDLING	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.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	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.
7.3 SPECIFIC END USE(S)	FLAVOURS, FRAGRANCES: USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE.

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## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

NONE.

### 8.2 EXPOSURE CONTROLS

<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.
<b>ENVIRONMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER.

#### EYE PROTECTION

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

#### HAND PROTECTION

WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

### 9.1 PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE</b>	VISCOUS LIQUID
<b>COLOUR</b>	PALE YELLOW – GOLDEN YELLOW
<b>ODOUR</b>	CHARACTERISTIC – SWEET, WOODY
<b>RELATIVE DENSITY</b>	NO DATA
<b>FLASH POINT (°C)</b>	>100°C.
<b>REFRACTIVE INDEX @ 20 °C</b>	1.500 – 1.512
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER

### 9.2 OTHER INFORMATION

NO DATA.

## SECTION 10: STABILITY & REACTIVITY

### 10.1 REACTIVITY

NOT APPLICABLE.

### 10.2 CHEMICAL STABILITY

STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

NO.

### 10.4 CONDITIONS TO AVOID

STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.

### 10.5 INCOMPATIBLE MATERIALS

AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 TOXICOLOGICAL EFFECTS

<b>ACUTE TOXICITY</b>	THIS MATERIAL DOES NOT MEET THE CRITERIA FOR CLASSIFICATION FOR HEALTH HAZARDS UNDER REGULATION (EC) NO 1272/2008. ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE ORAL TOXICITY: N/A ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE DERMAL TOXICITY: N/A ASSUMED TOXICITY VALUE (LC50 OR ATE) FOR ACUTE INHALATION TOXICITY: N/A INHALATION ROUTE: N/A REFER TO SECTION 2 FOR ADDITIONAL INFORMATION.
<b>SKIN IRRITATION</b>	NOT APPLICABLE.
<b>EYE DAMAGE OR IRRITATION</b>	NOT APPLICABLE.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	NOT APPLICABLE.
<b>GERM CELL MUTAGENICITY</b>	NOT APPLICABLE.
<b>CARCINOGENICITY</b>	NOT APPLICABLE.
<b>REPRODUCTIVE TOXICITY</b>	NOT APPLICABLE.
<b>STOT – SINGLE EXPOSURE</b>	NOT APPLICABLE.
<b>STOT – REPEATED EXPOSURE</b>	NOT APPLICABLE.
<b>ASPIRATION HAZARD</b>	NOT APPLICABLE.
<b>OTHER INFORMATION</b>	NOT APPLICABLE.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 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.

## SECTION 13: DISPOSAL INFORMATION

<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.
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## SECTION 14: TRANSPORT INFORMATION

### 14.1 TRANSPORT INFORMATION

<b>UN NUMBER</b>	<b>ROAD:</b> NOT CLASSIFIED <b>SEA:</b> NOT CLASSIFIED <b>AIR:</b> NOT CLASSIFIED
<b>14.2 UN Shipping Name</b>	NOT APPLICABLE.
<b>14.3 TRANSPORT HAZARD CLASS(ES)</b>	NOT APPLICABLE.

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<b>14.4</b> PACKING GROUP	NOT APPLICABLE.
<b>14.5</b> ENVIRONMENTAL HAZARDS	NOT ENVIRONMENTALLY HAZARDOUS FOR TRANSPORT.
<b>14.6</b> SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6-8.
<b>14.7</b> TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NOT APPLICABLE.

## SECTION 15: REGULATORY INFORMATION

### 15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION

<b>EU DIRECTIVES</b>	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).
<b>STATUTORY INSTRUMENTS</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 No 716).
<b>APPROVED CODE OF PRACTICE</b>	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
<b>GUIDANCE NOTES</b>	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
<b>15.2</b> CHEMICAL SAFETY ASSESSMENT	ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.

## SECTION 16: OTHER INFORMATION

<b>ENVIRONMENTAL</b>	H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b>	
<b>ABBREVIATIONS &amp; ACRONYMS:</b>	
<b>MSDS</b>	MATERIAL SAFETY DATA SHEET.
<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

Karta charakterystyki wykonana na podstawie dokumentacji dostawcy.