



## Certificate of Analysis Fig Liquid Fruit Extract

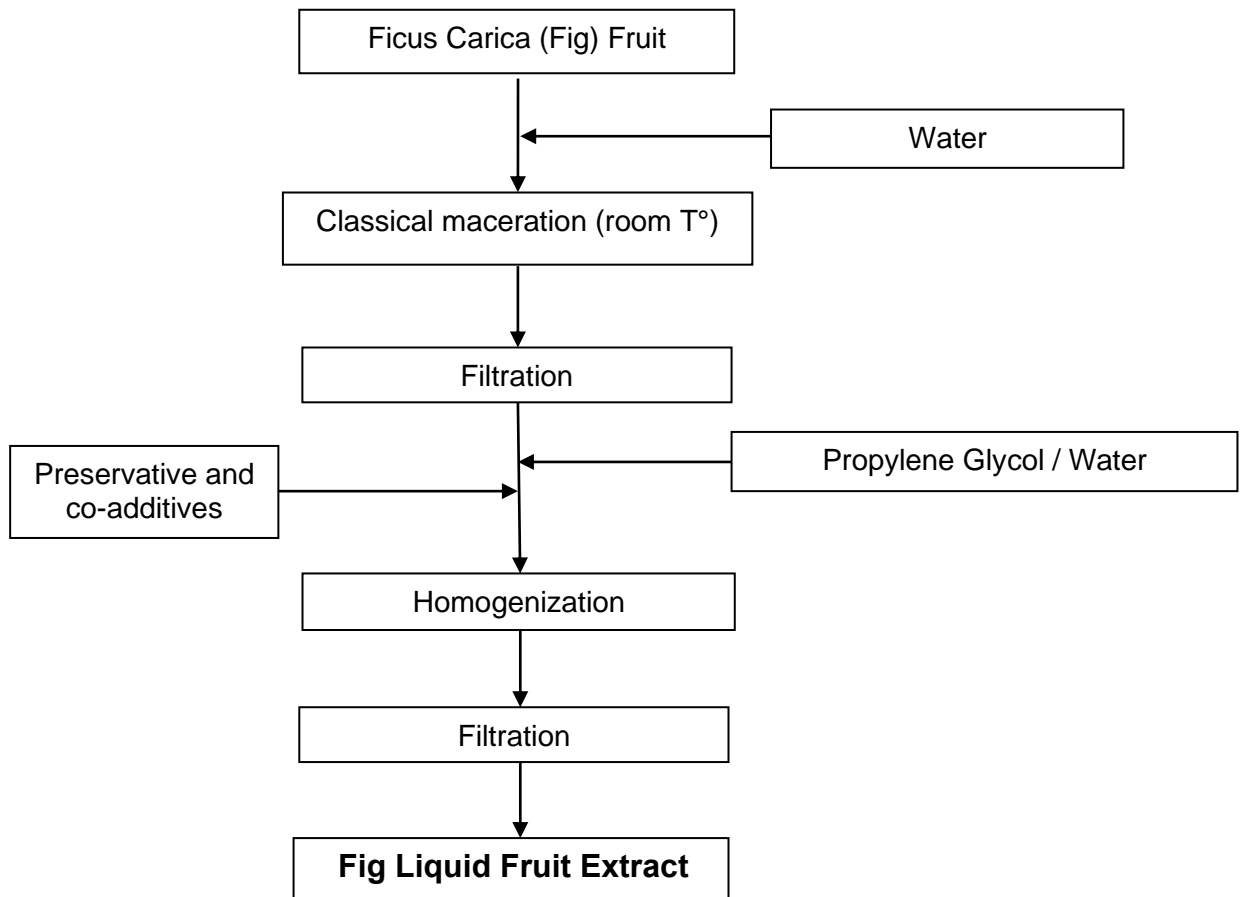
Batch Number: 4448106  
Expiry Date: October 2023

### Quality Control Results

Analytical Test Method No.	Characteristic	Specification Limit		Value	Unit	Status
		Lower	Upper			
	Addendum 00	PASS OR FAIL		Pass		P
	REVISION NUMBER	1.0		Pass		P
AC018000	ASPECT	CLEAR LIQUID		Pass		P
AC018000	COLOUR	PALE YELLOW TO PALE BROWN		Pass		P
AC018000	ODOUR	CHARACTERISTIC		Pass		P
FC0064A0	pH VALUE (20°C)	4.5	6.5	5.6		P
FC0031A0	SPECIFIC GRAVITY (20°C)	1.050	1.080	1.063		P
FC0032A0	REFRACTIVE INDEX (20°C)	1.380	1.405	1.394		P
FC0028A0	DRY RESIDUE (2.5g-105°C-15h)	4.0	8.0	6.7	%	P
JC0054A0	TOTAL GERMS	100 MAX CFU/ML		Pass		P
JC0054A0	MOULDS/YEASTS	10 MAX CFU/ML		Pass		P

Storage between 15-25°C, dark in closed containers  
The performed analysis are guaranteed on original packaging  
When stored accordingly, stable for 24 months  
We hereby certify that the plants used for this production are  
originated from certified organic culture according to last version of  
EEC Council Regulation for organic agriculture

## Flow Chart of Fig Liquid Fruit Extract





Date: 8/06/2017

## STATEMENT NATURAL AND NATURAL ORIGIN

**SUBJECT** Natural content and Natural origin content (in %) calculated by using the standard ISO16128-1: 2016 and -2: 2016 relating to the technical definitions and criteria for natural and organic cosmetic ingredients and products.

CRODAROM, manufacturer of the below product guarantees the accuracy of the following:

Product	Code	Natural (%)	Natural Origin (%)
Fig Liquid Fruit Extract	FEFIG	53.6	53.6

This information is given in good faith with our actual knowledge and with reference to our formulations and used raw materials.

*Non-warranty*

The information in this publication is believed to be accurate and is given in good faith but no representation or warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representation or warranty, express or implied, is made with respect to information or products including without limitation warranties of merchantability or fitness for a particular purpose or non-infringement of any third party patent or other intellectual property rights including without limit copyright, trademark and designs.



Date : 07.06.2017

## **ORIGIN STATEMENT**

We herewith confirm that the product Fig Liquid Fruit Extract, is produced from synthetic, biotechnological and plant originated from biological culture raw materials, with reference to the confirmation of our raw materials suppliers.

This product is derived from non animal sources and does not contain material of bovine, ovine, caprine origin with reference to the confirmation of our raw materials suppliers.

According our knowledge and the confirmation of our suppliers, this product:

- Does not contain any genetically modified organism
- Is not produced with help of genetic engineering techniques

However, this confirmation does not permit any claims such as "produced without genetically modified organism" for products manufactures from our delivered product, according the EC regulations N° 1829/2003 and 1830/2003 because this law is not applicable to non-food products.

This information is given in good faith and is based on our knowledge to date. This correspondence will not be automatically updated in the future.

## Composition Information

### Product Name: Fig Liquid Fruit Extract

**INCI Name:** Water, Propylene Glycol, Ficus Carica (Fig) Fruit Extract

**INCI Name EU:** to follow Cosing, the European Commission database on <http://ec.europa.eu/consumers/cosmetics/cosing/>

#### Composition:

Water	46 – 50%
Propylene Glycol	42 – 46%
Ficus Carica (Fig) Fruit Extract	5 -8%

**Preservative:** Potassium Sorbate approx. 0.75%

**Antioxidant:** None

**Co-additives:** Sodium Citrate approx. 0.6%  
Citric Acid as pH buffer, approx. 0.15%  
Trisodium EDTA as chelating agent approx. 0.05%

05/15

This composition information replaces the earlier one dated 02/11

#### *Non-warranty*

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## REACH STATEMENT

**MADAR Corporation is committed to meet the requirements set out in the REACH (Registration Evaluation and Authorization of Chemicals) regulations and we are working with our suppliers to ensure a continued supply of the below mentioned product.**

Below listed product is so called preparation composed of ingredients (named under REACH as substances).

### **Fig Liquid Fruit Extract**

<b>INCI</b>	<b>CAS</b>	<b>EINECS</b>	<b>REACH status</b>	<b>Comment</b>
Water	7732-18-5	231-791-2	/	/
Propylene Glycol	57-55-6	200-338-0	Registered	01-2119456809-23
Ficus Carica (Fig) Fruit Extract	90028-74-3	289-868-1	Exempt	Production < 1 T / year
Potassium Sorbate	24634-61-5	246-376-1	Registered	01-2119950315-41
Sodium Citrate	68-04-2	200-675-3	Registered	01-2119457027-40
Citric Acid	5949-29-1	611-842-9	Registered	01-2119457026-42
Trisodium EDTA	150-38-9	205-758-8	Exempt	Production < 1 T / year

If in the future the amount of a substance produced by our supplier would exceed the 1T/year limit, they will ensure its registration.

Substances of Very High Concern (SVHC; in REACH's Appendix XIV substances' list subjected to authorization) have not been added in the above mentioned product and are not expected to be impurities of the raw materials used in this product

This information is given in good faith and is based on our knowledge to date.

#### **Non-warranty**

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SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006

**FIG LIQUID FRUIT EXTRACT**

Version	Revision Date:	Product code:	Date of last issue:	Print Date :
1.1	29.09.2016	FEFIG	17.09.2015	18.03.2020
			Date of first issue:	
			17.09.2015	

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

Trade name : FIG LIQUID FRUIT EXTRACT  
Substance name : Botanical extract

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

Use of the Sub-  
stance/Mixture : Manufacture of soap and detergents, cleaning and polishing  
mixtures  
Cosmetic additive

**1.3 Details of the supplier of the safety data sheet**

Company : MADAR Corporation Limited  
19-20 Sandleheath Industrial Estate  
Fordingbridge  
Hampshire  
SP6 1PA  
Telephone : +44 1425 655555  
E-mail address : technical@madarcorporation.co.uk

**1.4 Emergency telephone number**

USA: 24 Hour Emergency Response Information CHEMTREC toll free: 1-800-424-9300; direct/international: 1-703-527-3887. CANADA: CANUTEC 1-888-CAN-UTEC (226-8832), 613-996-6666 or \*666. EUROPE: 00 32 3575 5555. ASIA PACIFIC - excl. China: +65 6542-9595. CHINA: +86 816-635 2206. AUSTRALIA: +61 2 7808 3390. SOUTH AFRICA: +32 3 575 55 55. BRASIL: Suatrans 0800 707 7022 / 0800 707 1767. LATAM: Suatrans (+55) 11 98149-0850 / (+55) 19 3833-5300. INDIA: +91 22 30948601/2. JAPAN: +65 6542 9595 (24 時間 日本語対応無料通話, シンガポール). TÜRKIYE: Sağlık Bakanliği Ulusal Zehir Merkezi - 114

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**  
Not a hazardous substance or mixture.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**  
Not a hazardous substance or mixture.

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### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Remarks : No hazardous ingredients

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

If inhaled : If breathed in, move person into fresh air.  
If symptoms persist, call a physician.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.  
If symptoms persist, call a physician.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : If large quantities of this material are swallowed, call a physician immediately.  
  
If symptoms persist, call a physician or Poison Control Centre immediately.

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

Symptoms : None known.

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

Treatment : None known.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



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**FIG LIQUID FRUIT EXTRACT**

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Unsuitable extinguishing media : High volume water jet

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting : In case of fire hazardous decomposition products may be produced such as:  
Carbon oxides

Do not use a solid water stream as it may scatter and spread fire.

**5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Ensure adequate ventilation.  
Use personal protective equipment.

**6.2 Environmental precautions**

Environmental precautions : Prevent product from entering drains.  
Prevent product from entering drains.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.

**6.4 Reference to other sections**

None.

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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**7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : No special restrictions on storage with other products.

Recommended storage temperature : 15 - 25 °C

Other data : Recommended storage temperature

Stable under recommended storage conditions.

**7.3 Specific end use(s)**

Specific use(s) : Manufacture of chemical products

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Propylene glycol	57-55-6	TWA (particles)	10 mg/m <sup>3</sup>	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			
		TWA (Total vapour and particles)	150 ppm 474 mg/m <sup>3</sup>	GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used			

**8.2 Exposure controls**

**Personal protective equipment**

Eye protection : Safety glasses with side-shields

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Skin and body protection : Impervious clothing

Respiratory protection : No personal respiratory protective equipment normally required.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Appearance : clear, liquid

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Colour : yellow

Odour : characteristic

Odour Threshold : No data available

pH : 4.5 - 6.5, (20 °C)

Melting point : No data available

Boiling point : No data available

Decomposition temperature : No data available

Flash point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Density : 1.050 - 1.080 g/cm<sup>3</sup> (20 °C)

Solubility(ies)

    Water solubility : soluble

    Solubility in other solvents : not determined

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

    Viscosity, dynamic : No data available

    Viscosity, kinematic : No data available

Explosive properties : Classification Code: No data available

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Oxidizing properties : No data available

## 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

No data available

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

### 10.4 Conditions to avoid

Conditions to avoid : None known.

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

### 10.6 Hazardous decomposition products

No data available

In case of fire hazardous decomposition products may be produced such as:, Carbon oxides

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute oral toxicity : No data available:

Acute inhalation toxicity : No data available:

Acute dermal toxicity : No data available:

#### Skin corrosion/irritation

##### Product:

Remarks: No data available

#### Serious eye damage/eye irritation

##### Product:

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Remarks: No data available

**Respiratory or skin sensitisation**

**Product:**

Remarks: No data available

**Germ cell mutagenicity**

**Product:**

Genotoxicity in vitro : Remarks: No data available

**Carcinogenicity**

**Product:**

Carcinogenicity - Assessment : No data available

**Reproductive toxicity**

**Product:**

Effects on fertility :  
Test substance: No data available

**STOT - single exposure**

**Product:**

Assessment: No data available

**STOT - repeated exposure**

**Product:**

Assessment: No data available

**Aspiration toxicity**

**Product:**

No data available

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

Toxicity to fish : Remarks: No data available

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#### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: No data available

#### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : Remarks: No data available

#### 12.4 Mobility in soil

**Product:**

Distribution among environmental compartments : Remarks: No data available

#### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

#### 12.6 Other adverse effects

**Product:**

Additional ecological information : No data available

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

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**14.3 Transport hazard class(es)**

Not regulated as a dangerous good

**14.4 Packing group**

Not regulated as a dangerous good

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

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**SECTION 15: Regulatory information**

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

Water contaminating class : WGK 1 slightly water endangering  
(Germany)

**The components of this product are reported in the following inventories:**

CH INV : On the inventory, or in compliance with the inventory

DSL : All components of this product are on the Canadian DSL

AICS : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

**15.2 Chemical Safety Assessment**

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**SECTION 16: Other information**

**Full text of other abbreviations**

(Q)SAR - (Quantitative) Structure Activity Relationship; ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; DIN - Standard of the German Institute for Standardisation; ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous

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Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TRGS - Technical Rule for Hazardous Substances; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

GB / EN





Date: 18.03.2020

## Specification

**Product Name:** Fig Liquid Fruit Extract  
**Specification:** 01/02/2006

Period of validity of Certificate of Analysis for material stored in unopened containers and stored in cool dry conditions (unless otherwise specified): 730 days.

Analy. Test Method No.	Characteristic	Specification Limits		Units
		Lower	Upper	
	REVISION NUMBER	1.0		
AC018000	ASPECT	CLEAR LIQUID		
AC018000	COLOUR	PALE YELLOW TO PALE BROWN		
AC018000	ODOUR	CHARACTERISTIC		
FC0064A0	pH VALUE (20°C)	4.5	6.5	
FC0031A0	SPECIFIC GRAVITY (20°C)	1.050	1.080	
FC0032A0	REFRACTIVE INDEX (20°C)	1.380	1.405	
FC0028A0	DRY RESIDUE (2.5g-105°C-15h)	4.0	8.0	%
JC0054A0	TOTAL GERMS	100 MAX CFU/ML		
JC0054A0	MOULDS/YEASTS	10 MAX CFU/ML		

Storage between 15-25°C, dark in closed containers

The performed analysis are guaranteed on original packaging

When stored accordingly, stable for 24 months

We hereby certify that the plants used for this production are originated from certified organic culture according to last version of EEC Council Regulation for organic agriculture



## Toxicological dossier

### Product Name: Fig Liquid Fruit Extract

**INCI Name :** Water, Propylene Glycol, Ficus Carica (Fig) Fruit Extract

**INCI Name EU:** to follow Cosing, the European Commission database on <http://ec.europa.eu/consumers/cosmetics/cosing/>

**Composition :**

(A: > 50 %; B: 25 - 50 %; C: 10 - 25 %; D: 5 - 10 %; E: 1 - 5 %; F: 0.1 - 1 %; G: < 0.1 %)

Water	B
Propylene Glycol	B
Ficus Carica (Fig) Fruit Extract*	D

\* Ficus Carica (Fig) Fruit Extract is expressed as **fresh** fruits

**Origin of raw materials :**

- Plant origin : Ficus Carica
  - plant part : Fruits
  - from organic culture : Yes
  - free of GMO : Yes
- Synthetic origin : Propylene Glycol
- Animal origin : No

**Preservative :** Potassium Sorbate (approx 0.75%)

**Antioxidant :** None

**Co-additives:** Sodium Citrate (aprox 0.6%),  
Citric Acid (approx 0.15%),  
Trisodium EDTA (approx 0.05%)

**Manufacturing process :** Careful extraction of dried organic figs in water, followed by homogenisation of the concentrate in a propylene/glycolic aqueous medium, filtration, conditioning, preservation and filling.

**Microbiological Data :**

⇒ Bacteria	< 100 cfu / g
⇒ Moulds and yeasts	< 10 cfu / g
⇒ Pathogenic Micro-organisms	Not tested

**Contamination by trace elements :**

⇒ Heavy metals :	Total heavy metals expressed as Pb < 10 ppm according to Ph. Eur. 2.4.8 method C or USP <231> method II. Conclusion by analogy
⇒ Pesticides:	Pesticides are expected to pass DFG S 19 (according to "Rückstandshöchstmengenverordnung") Conclusion by analogy
⇒ Impurities :	Not expected – not tested

Impurities are residual monomer, dioxane, chloroacetic acid, 3-Chloropropanol, nitrosamines, amine, polychloro biphenyls, benzene, nats, polychloro dibenzo dioxins and dibenzo furans and dimethyl aminopropylamine

⇒ Residual solvents:	Not expected – not tested
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*The plants used for Fig Liquid Fruit Extract have been organically cultivated. Therefore pesticides, heavy metals or impurities are not expected*

### Total volatile components / Allergens content :

We herewith confirm that **Fig Liquid Fruit Extract**, meets the following properties:

CAS-No.	Allergen	Content expected
122-40-7	Amyl cinnamic aldehyde	Not expected
101-85-9	Amyl cinnamic alcohol	Not expected
105-13-5	Anisyl alcohol	Not expected
100-51-6	Benzyl alcohol	Not expected
120-51-4	Benzyl benzoate	Not expected
103-41-3	Benzyl cinnamate	Not expected
118-58-1	Benzyl salicylate	Not expected
104-55-2	Cinnamic aldehyde	Not expected
104-54-1	Cinnamic alcohol	Not expected
5392-40-5	Citral	Not expected
106-22-9	Citronellol	Not expected
91-64-5	Coumarin	Not expected
97-53-0	Eugenol	Not expected
4602-84-0	Farnesol	Not expected
106-24-1	Geraniol	Not expected
101-86-0	Hexyl cinnamaldehyde	Not expected
107-75-5	Hydroxycitronellal	Not expected
97-54-1	Isoeugenol	Not expected
80-54-6	Lilial	Not expected*
5989-27-5	d-Limonene	Not expected
78-70-6	Linalool	Not expected
31906-04-4	Lylal	Not expected*
111-12-6	Methyl heptine carbonate	Not expected
127-51-5	Methyl ionone alpha iso	Not expected
90028-68-5	Oakmoss	Not expected**
90028-67-4	Tree Moss	Not expected**

\* They are synthetic substances that do not occur in botanicals.

\*\* The substances are not expected to be part of the fruits of *Ficus carica*

None of the 26 identified allergen perfume compounds (Directive 2003/15 EC) have been added to the product. The absence of any of these 26 allergens can not be confirmed, but we attest that they cannot technically occur due to the extraction process used.

The single contents are based on risk estimation which is based on botanical and phytomedicinal reference literature and conclusions by analogy.

### Hazardous & CMR Substances

We herewith confirm that, with reference to the confirmation of our raw materials suppliers, we do not add any CMR (Carcinogenic, Mutagenic, Toxic for reproduction) substances graded 1A, 1B or 2 in accordance with the Annex VI of the European Regulation 1272/2008 and its amendments to our product listed below.

Fig Liquid Fruit Extract

The product fulfils the requirement of Article 15 of the European Regulation 1223/2009 and its amendments.

Botanical preparations which contain technically unavoidable traces or impurities of plant constituents listed as CMR in the European Regulation 1272/2008 are not affected by the exclusion listed in Article 15 of the European Regulation 1223/2009.

## Animal testing

Our manufacturer confirms that since 1990, our products have not been tested on animals in order to meet the requirements of the Cosmetic Regulation and we will not carry out animal tests in the future to meet the requirements of the Cosmetic Regulation.

We are aware that the individual substances that comprise our products may have been tested on animals in the past, but these tests were not carried out either by or on the request of MADAR.

MADAR! therefore confirms the compliance of our products with the Cosmetic Regulation 1223/2009 concerning the ban on testing in animals in order to meet the requirements of the Cosmetic Regulation.

## Main actives in the plant:<sup>(3)</sup>

Chlorophyll and Carotinoid derivatives.

Total lipids: 3-8g/kg fruit

Constituents of the lipid fraction:

*Triacylglycerol (40 to 50%), Diacylglycerol (2 to 6%), Monoacylglycerol (4 to 6%), ester (10 to 12%), Sterolester (12 to 15%), free Sterol (9 to 11%), hydrocarbon (1 to 2%), free fatty acids (4 to 7%) Tocopherole (0.2 to 0.3%)*

Further phospholipids, glycolipids

Vitamins of B group and C

Flavones: Apigenin-derivatives

Essential oil: main component: Ethyl acetate

Carbohydrates (approx.50 to 70%, among them approx 50% Saccharose, 5% Pectin)

Fibers approx 10 %,

minerals approx 2 %

## Main actives in the extract :

⇒ Sugars (carbohydrates) approx 4-5%  
(the value is not a part of the CofA)

## Toxicological Data :

We do not see any danger in using Fig Liquid Fruit Extract in cosmetic agents taking into account the application form, the concentration, the amount used and the frequency of use.

We haven't carried out clinical studies on Fig Liquid Fruit Extract, but according to literature, Propylene Glycol and Ficus carica don't contain potentially toxic compounds and they are safe when used appropriately.

Ficus carica is commonly used in food. Fig fruit has been a typical component in the health-promoting Mediterranean diet for millennia.<sup>(2)</sup>

⇒ Human skin irritation :

Propylene Glycol : In a 24-h skin irritation test involving nude mice, there were no reactions to 10% PG. <sup>(1)</sup>

Draize test results indicated that PG was, at most, a mild skin irritant when applied for 24 h to abraded and intact skin of rabbits. When PG was applied to the skin of guinea pigs and rabbits (guinea pigs and rabbits lack sweat glands) for 48 h using open and closed patches, no reactions were observed. The results of

48 h and 21 day open and closed patch tests involving Gottingen swine (no sweat glands) indicated no reactions to PG.<sup>(1)</sup>

⇒ Mucous membrane irritation :

Propylene Glycol : Propylene glycol did not induce corneal damage in rabbits in the Draize test and was classified as a slight ocular irritant in another ocular irritation study. <sup>(1)</sup>

⇒ Sensitisation potential :

Propylene glycol : Results were negative for 100% PG in a mouse external ear swelling sensitization test. The results of a GMPT, OET and chamber (Finn chamber) test indicated no sensitization reactions to 70% PG.<sup>(1)</sup>

⇒ Cytotoxicity : No data available

⇒ Phototoxicity : No data available

⇒ Mutagenicity (e.g. Ames Test) :

Propylene glycol : In the Ames test, PG was not mutagenic in strains TA1535, TA1537, TA1538, TA98 and TA100 of Salmonella typhimurium with and without metabolic activation.<sup>(1)</sup>

⇒ Carcinogenicity :

Propylene glycol : Not carcinogenic <sup>(1)</sup>

⇒ Acute toxicity :

Propylene glycol: Propylene glycol is relatively harmless. Oral LD<sub>50</sub> = 21 g/kg body wt in rats <sup>(1)</sup>

⇒ Inhalation toxicity : No data available

⇒ Chronic toxicity : No data available

⇒ Reproduction toxicity :

Propylene glycol : PG was not teratogenic in female CD-1 mice when administered at a concentration of 10 000ppm on days 8-12 of gestation.<sup>(1)</sup>

### **Toxicological information about main actives :**

No toxicological effect may be expected taking into account the application form, the concentration, the amount used and the frequency of use.

Phototoxic effects are rarely reported when unripe fig fruits or fig drinks are taken and when at the same time the peoples are **exposed to strong UV irradiation**. Also phototoxic effects after topical application of unripe fig juice under sun exposure are reported <sup>(4)</sup>

These effects are due to the presence of furocoumarins. These actives are not expected in Fig Liquid Fruit Extract, due to the extraction process, plant quality, quantity and part used: (See enclosed analysis report)



Date : 23.11.2018

To whom it may concern :

## **STATEMENT**

We hereby confirm that the below mentioned product is derived from non-animal sources. We further confirms that since 1990, this product has not been tested on animals in order to meet the requirements of the Cosmetic Regulation and we will not carry out animal tests in the future to meet the requirements of the Cosmetic Regulation.

### **Fig Liquid Fruit Extract**

Cross-contamination cannot be excluded considering that some of the raw materials used in our production site are from animals' origins, but the risk is expected to be very low as adequate quality measures are implemented to limit the occurrence of contamination.

This information is given in good faith with our actual knowledge. This correspondence will not be automatically updated in the future.