

## SAFETY DATA SHEET

Version N°	2.1
Replaces version no./ date	2.0 of 01.02.2024
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### Section 1: Identification of the Substance and the Manufacturer

Trade name	Opuntia Gel
Supplier/Distributor	Agrinsicilia Coop. Agricola e sociale A.r.l. Via Pacini Giovanni 6. 92027 Licata (AG) P.I. 03031180841
Product Type	Plant extract
Plant used	<i>Opuntia ficus indica</i>
Part Used	Newly formed cladodes
Description and use	Ingredient Cosmetic Use
Use Descriptors	PC 39 (Personal Care Cosmetics)

### Section 1.1: Emergency Contacts

#### For urgent information, please contact:

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Sicily	Catania Poison Control Center 095 7594120 – 800410989 ( CAV Garibaldi Hospital )
Campania	Naples Poison Control Center 081 7472870 ( CAV Cardarelli Hospital )
Latium	Poison Control Center of Rome 06 3054343 ( CAV Policlinico Gemelli )
Latium	Poison Control Center of Rome 06 49978000 ( CAV Policlinico Umberto I )
Tuscany	Florence Poison Control Center 055 7947819 (CAV Careggi Hospital)
Lombardy	Poison Control Center of Bergamo 80088330 ( CAV Ospedali Riuniti )
Lombardy	Poison Control Center of Pavia 0382 24444 ( CAV IRCCS Maugeri Foundation )
Lombardy	Milan Poison Control Center 02 66101029 ( CAV Niguarda Ca' Granda Hospital )

## **Section 2: Hazard Identification**

<b>Classification of the substance or mixture</b>	The product is not classified as hazardous under the provisions of Regulation (EC) 1272/2008 (CLP).
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<b>Classification and hazard statements</b>	None
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### **Section 2.1 : Label Elements**

<b>Labelling</b>	Hazard labelling in accordance with Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adaptations.
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<b>Hazard pictograms</b>	None
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<b>Warnings</b>	None
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<b>Hazard Statements</b>	-----
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<b>Precautionary statements</b>	Nobody
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### **Section 2.2: Other Hazards**

The substance has no persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative (vPvB). The substance has no endocrine disrupting properties.

## **Section 3: Composition / Ingredient Information**

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations) in quantities such as to require declaration.

## **Section 4: First Aid Measures**

### **4.1. Description of first aid measures**

No effects are expected to require the implementation of special first aid measures. The following information is practical indications of correct behavior in the event of contact with a chemical product, even if not dangerous. If in doubt or if you have symptoms, contact a doctor and show him this document. In case of more severe symptoms, call 118 for immediate medical help.

### **4.2. Main symptoms and effects, both acute and delayed**

There are no known episodes of health damage attributable to the product.

### **4.3. Indication of the need for immediate medical advice and special treatment**

If you experience symptoms, whether acute or delayed, seek medical attention. Means to have available in the workplace for specific and immediate treatment Running water for skin and eye washing.

## **Section 5: Fire Prevention Measures**

### **5.1. Extinguishing means**

#### **SUITABLE EXTINGUISHING MEANS**

The means of extinguishing are the traditional ones:  
carbon dioxide, foam, dust and water spray.

#### **UNSUITABLE MEANS OF EXTINGUISHING**

No one in particular.

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

#### **HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE**

Avoid breathing in the combustion products.

### **5.3. Recommendations for firefighters**

#### **GENERAL INFORMATION**

Cool the containers with water jets to prevent the product from decomposing and developing substances that are potentially hazardous to health.

Always wear full fire protection equipment.

Collect extinguishing water that should not be discharged into the sewers. Dispose of contaminated water used for extinguishing and residual fire according to current regulations.

#### **EQUIPMENT**

Normal firefighting clothing, such as an open-circuit compressed air breathing apparatus (EN 137), flame-retardant suit (EN469), flame-retardant gloves (EN 659) and firefighter boots (HO A29 or A30).

## **Section 6:** Measures in the event of accidental release

### **6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

In the event of airborne vapours or dust, respiratory protection should be used. These indications are valid both for workers and for emergency interventions.

### **6.2. Environmental precautions**

Prevent the product from entering sewers, surface water, groundwater.

### **6.3. Methods and materials for containment and remediation**

Dam with earth or inert material. Collect most of the material and remove the residue with water jets. Disposal of contaminated material shall be carried out in accordance with the provisions of point 13.

### **6.4. Reference to other sections**

Any information regarding personal protection and disposal can be found in sections 8 and 13.

## **Section 7:** Handling and Storage

### **7.1. Precautions for safe handling**

Handle the product after consulting all other sections of this safety data sheet. Avoid dispersing the product into the environment. Do not eat, drink, or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

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

Keep the product in clearly labeled containers. Store containers away from any incompatible materials, checking section 10.

### **7.3. Special end-uses**

Information not available

## **Section 8: Exposure Control/Personal Protection**

### **8.1. Control parameters**

Information not available

### **8.2. Exposure Controls**

Observe the usual safety precautions when handling chemicals. HAND PROTECTIONThe is not necessary.

SKIN PROTECTION

Not necessary.

EYE PROTECTIONThe is not necessary.

RESPIRATORY PROTECTIONThe not necessary, unless otherwise indicated in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLThe emissions from production processes, including those from ventilation equipment, should be controlled for compliance with environmental protection legislation.

## Section 9: Physical and Chemical Properties

### 9.1. Information on fundamental physical and chemical properties

Physical state	Visco-elastic liquid
Color and appearance	Distinctive, Slightly opalescent
Smell	Characteristic
Melting or freezing point	Unavailable
Initial boiling point	> 100°C
Lower explosive limit	Unavailable
Upper explosive limit	Unavailable
Flash point	Not applicable
Auto-ignition temperature	Unavailable
Decomposition Temperature	Unavailable
pH values	3.8 –4.3
Bulk density	1 g/cm <sup>3</sup>
Solubility	Completely soluble in water
Viscosity	<30 Cps at 5.0 pH
Breakdown coefficient: N-Octanol/Water	Unavailable
Inflammability	Non-flammable
Vapour pressure	Unavailable
Particle characteristics	Unavailable

### 9.2. Other information

#### 9.2.1. Information on classes of physical hazards:

Information not available

#### 9.2.2. Other security features

Explosive properties: Non-explosive

Oxidizing Properties: Non-Oxidizing

## **Section 10: Stability and Responsiveness**

### **10.1. Responsiveness**

There is no particular danger of reaction with other substances under normal conditions of use.

### **10.2. Chemical Stability**

The product is stable under normal conditions of use and storage.

### **10.3. Possibility of dangerous reactions**

Under normal use and storage, no hazardous reactions are to be expected.

### **10.4. Conditions to be avoided**

None in particular. However, follow the usual caution with regard to chemicals.

### **10.5. Incompatible Materials**

Information not available

### **10.6. Hazardous decomposition products**

Information not available

## **Section 11: Toxicological information**

### **11.1. Information on hazard classes defined in Regulation (EC) No 1272/2008**

Metabolism, kinetics, mechanism of action and other information:

Not available

#### **Information on probable routes of exposure:**

Information not available

#### **Immediate, delayed and chronic effects from short- and long-term exposures:**

Information not available

#### **Interactive effects:**

Information not available

#### **ACUTE TOXICITY**

Does not meet the classification criteria for this hazard class

#### **SKIN CORROSION / SKIN IRRITATION**

Does not meet the classification criteria for this hazard class

#### **RESPIRATORY OR SKIN SENSITIZATION**

Does not meet the classification criteria for this hazard class

#### **GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

#### **CARCINOGENICITY**

Does not meet the classification criteria for this hazard class

#### **REPRODUCTIVE TOXICITY**

Does not meet the classification criteria for this hazard class

#### **SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE**

Does not meet the classification criteria for this hazard class

#### **SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE**

Does not meet the classification criteria for this hazard class

#### **DANGER IN CASE OF SUCTION**

Does not meet the classification criteria for this hazard class

### **11.2. Information on other hazards**

Based on the available data, the product does not contain any substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

## **Section 12: Ecological Information**

Use according to good working practices, avoiding dispersing the product into the environment.

Notify the competent authorities if the product has reached watercourses or if it has contaminated soil or vegetation.

### **12.1. Toxicity**

Information not available

### **12.2. Persistence and degradability**

Information not available

### **12.3. Bioaccumulation potential**

Information not available

### **12.4. Mobility in soil**

Information not available

### **12.5. Results of the PBT and vPvB assessment**

The substance has no persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative (vPvB).

### **12.6. Endocrine Disrupting Properties**

Based on the available data, the product does not contain any substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment under evaluation.

### **12.7. Other adverse effects**

Information not available



## **Section 13.1:** Disposal Considerations

### **13.1. Waste treatment methods**

Reuse, if possible.

The residues of the product as they are are to be considered special non-hazardous waste. Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local legislation.

**CONTAMINATED PACKAGING**The contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

## **Section 14:** Transportation Information

The product is not to be considered dangerous under the current regulations on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

### **14.1. UN Number**

Not applicable

### **14.2. UN Shipping Name**

Not applicable

### **14.3. Transport hazard classes**

Not applicable

### **14.4. Packaging Assembly**

Not applicable

### **14.5. Hazards to the environment**

Not applicable

### **14.6. Special precautions for users**

Not applicable

### **14.7. Transport of bulk according to MARPOL Annex II and the IBC Code**

Information not applicable

## **Section 15: Regulatory Information**

### **15.1. Laws and regulations on health, safety and the environment specific to the substance or mixture**

#### **Seveso Category - Directive 2012/18/EC:**

None

#### **Restrictions on the product or substances contained in Annex XVII Regulation (EC) 1907/2006**

None

#### **Regulation (EU) 2019/1148 – concerning the marketing and use of Explosives Precursors**

Not applicable

#### **Substances on the Candidate List (Art. 59 REACH)**

Based on the available data, the product does not contain SVHC substances in percentage greater than 0.1%.

#### **Substances subject to authorisation (Annex XIV REACH)**

None

#### **Substances subject to export notification Reg. (EC) 649/2012:**

None

#### **Substances subject to the Rotterdam Convention:**

None

#### **Substances subject to the Stockholm Convention:**

None

#### **Health checks:**

Information not available

### **15.2. Chemical Safety Assessment**

A chemical safety evaluation for the substance has not been developed/is not yet available.

## Section 16: Other Information

### KEY:

- ADR: European Agreement for the Carriage of Dangerous Goods by Road- CAS: Chemical Abstract Service Number- EC: Identification Number in ESIS (European Repository of Existing Substances)- CLP: Regulation (EC) 1272/2008- DNEL: Derived No Effect Level- EC50: Concentration Affecting 50% of the Testing Population- EmS: Emergency Schedule- GHS: Global Harmonized System for the Classification and Labelling of Chemicals- IATA DGR: International Air Transport Association Dangerous Goods Regulations- IC50: Immobilization concentration of 50% of the test population- IMDG: International Maritime Code for the Transport of Dangerous Goods- IMO: International Maritime Organization- INDEX: Identification number in Annex VI of CLP- LC50: Lethal concentration 50%- LD50: Lethal dose 50%- OEL: Occupational exposure level- PBT: Persistent, bioaccumulative and toxic according to REACH- PEC: Predictable environmental concentration- PEL: Foreseeable level of exposure- PNEC: Predictable concentration without effect- REACH: Regulation (EC) 1907/2006- RID: Regulation for the international transport of dangerous goods by train- STA: Acute Toxicity Estimate- TLV: Threshold limit value- TLV CEILING: Concentration that must not be exceeded during any time of occupational exposure.

- TWA: Weighted Average Exposure Limit- TWA STEL: Short-Term Exposure Limit- VOC: Volatile Organic Compound- vPvB: Very persistent and very bioaccumulative according to REACH- WGK: Aquatic Hazard Class (Germany).

### GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II to the REACH Regulation)
4. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III ATP. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (EU) 2018/1480 (XIII ATP. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (EU) 2020/217 (XIV ATP. CLP)
19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI ATP. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (EU) 2023/707
24. Delegated Regulation (EU) 2023/1434 (XIX Atp. CLP)
25. Delegated Regulation (EU) 2023/1435 (XX Atp. CLP)

The Merck Index. - 10th Edition- Handling Chemical Safety- INRS - Fiche Toxicologique (toxicological sheet)- Patty - Industrial Hygiene and Toxicology- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition- IFA GESTIS website- ECHA Agency website- Database of SDS models of chemical substances - Ministry of Health and Istituto Superiore di Sanità

### **Note to the user:**

The information contained in this sheet is based on the knowledge available to us at the date of the last version. The user must ensure that the information is suitable and complete in relation to the specific use of the product. This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force on hygiene and safety. They do not accept responsibility for improper use. Provide adequate training to personnel involved in the use of chemical products.

### **METHODS OF CALCULATING THE CLASSIFICATION:**

Chemical and physical hazards: The classification of the product has been derived from the criteria established by the CLP Regulation Annex I Part 2. The methods for assessing the chemical and physical properties are set out in section 9. Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in section 11. Hazards to the environment: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, Unless otherwise stated in Section 12.

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