

SAFETY DATA SHEET

Version N°	1.2
Replaces version no./ date	1.1 of 20.10.2023
Publication date	22/11/2024

Section 1: Identification of the Substance and the Manufacturer

Trade name	Nopal Dry
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	Food Additive & 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

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

Labelling	The product does not require hazard labelling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adaptations.
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Hazard pictograms	None
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Warnings	None
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Hazard Statements	None
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Precautionary statements	Nobody
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Section 2.2: Other Hazards

Based on the available data, the product does not contain more than 0,1 % of PBT or bPvB substances

Section 3: Composition / Ingredient Information

3.1 Substances:

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions of Directives 67/548/EEC and/or Regulation (EC) 1272/2008 (CLP) (as subsequently amended and adapted) in quantities that require declaration.

3.2. Mixtures.

Information not applicable.

Section 4: First Aid Measures

4.1. Description of first aid measures.

Not specifically necessary. In any case, compliance with the rules of good industrial hygiene is recommended.

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 whether medical attention should be sought immediately and special treatment.

Information not available.

Section 5: Fire Prevention Measures

5.1. Means of extinguishing.

SUITABLE EXTINGUISHING MEANS

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

MEANS OF EXTINGUISHING NOT SUITABLE IN none in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE Avoid breathing combustion products.

5.3. Recommendations for firefighters.

GENERAL INFORMATION Read 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 The normal firefighting equipment, 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

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

Regulatory references:

Legend:(C) = CEILING ;

INALAB = Inhalable fraction;

RESPIR = Respirable Fraction

TORAC = Thoracic fraction.

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.

Section 9: Physical and Chemical Properties

9.1. Information on fundamental physical and chemical properties

Please refer to the information contained in the Technical Data Sheet.

9.2. Other information

100% dry residue

VOC (Directive 2010/75/EC): 0

VOC (Volatile Carbon): 0

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

There are no known episodes of damage to health due to exposure to the product. In any case, it is recommended to operate in compliance with the rules of good industrial hygiene.

11.1. Information on toxicological effects.

Information not available.

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

Based on the available data, the product does not contain more than 0.1% of PBT or vPvB substances.

12.6. 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 PACKAGINGThe 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).

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

Substances on the Candidate List (Art. 59 REACH)

Based on the available data, the product does not contain SVHC substances in a 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 assessment has not been developed for the mixture and the substances it contains.

Section 16: Other Information

KEY:

- ADR: European Agreement for the Transport of Dangerous Goods by Road- CAS NUMBER: Number of the Chemical Abstract Service- EC50: Concentration affecting 50% of the population subject to testing- CE NUMBER: Identification number in ESIS (European Repository of Existing Substances)- CLP: Regulation EC 1272/2008- DNEL: Derived Level of No Effect- EmS: Emergency Schedule- GHS: Global Harmonized System for the Classification and Labeling 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 NUMBER: 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- TLV: Threshold limit value- TLV CEILING: Concentration that must not be exceeded during any time of occupational exposure. - TWA STEL: Short-term exposure limit- TWA: Weighted average exposure limit- VOC: Volatile organic compound- vPvB: Very persistent and very bioaccumulative according to REACH- WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Directive 1999/45/EC and subsequent amendments
2. Directive 67/548/EEC and subsequent amendments and adaptations
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
8. Regulation (EC) 618/2012 of the European Parliament (III ATP. CLP)
9. The Merck Index. Ed. 10
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7 Ed., 1989
15. ECHA Agency website

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.

Licata, 22/11/2024