



SAFETY DATA SHEET

SOLANRED® - dry extract of Red Eggplant – Melanzana Rossa di Rotonda (PDO) – 1-3% active compounds

October 2020

Version 3

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Identification of the product

Identification of the substance: SOLANRED® dry extract of Red Eggplant Melanzana Rossa di Rotonda (PDO)- 1-3% active compounds
Product Code: SSDSLNAF0500500A
CAS Registry Number: --
EINECS Number: --

1.2 Relevant identified uses of the substance or mixture and recommended uses

Preparation for food, dietetic and nutritional use.

1.3 Details of the supplier of the safety data sheet

Name: EVRA S.r.l.
Address: Loc. Galdo zona ind.le- 85044 Lauria (PZ)
Telephone: +39 0973 624687
Telefax: +39 0973 624687

E-mail address of the competent person responsible for the safety data sheet:
cto@evraitalia.it

1.4 Emergency telephone number

Emergency telephone: +39 0973 624687 (available only during office hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance

Classification according to Reg. 1272/2008/CE:
This substance is not classified as dangerous according to Reg. 1272/2008/CE

Main dangerous effects:
see 9 – 12 sections.

2.2 Label Elements

Hazard Pictogram:
none
Signal Word:
none
Hazard Statement:
none



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Precautionary Statement Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container to according local waste disposal provisions.

2.3 Other hazards

As a powder product, the non-compliance with the appropriate manufacturing practices and handling, can cause eye and respiratory tract irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

- Product Identifier: SOLANRED® - dry extract of Red Eggplant – Melanzana Rossa di Rotonda (PDO)
- Botanical name: *Solanum aethiopicum* L., *Solanaceae*

Substances presenting a health or environmental hazard within the Reg. 1272/2008 (CLP): the product contains:---

3.2 Mixture

n.a.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Relevant routes of exposure:

- | | |
|--------------|---|
| Inhalation: | movement of the exposed individual from the area to fresh air is recommended; |
| Skin contact | Take off contaminated clothing and wash before reuse. Removal and handling of clothing and shoes from the individual is recommended. If skin irritation occurs, get medical advice/attention. |
| Eye contact | Rinse cautiously with water for several minutes. If eye irritations occurs, consult a ophthalmologist. |
| Ingestion | (Large amount) Rinse mouth. If you feel unwell, consult a doctor. |

4.2 Indication of any immediate medical attention and special treatment needed

See 4.1 paragraph.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: water, CO₂, dry foam.

Unsuitable extinguishing media: water directly jet.

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5.2 Special hazards arising from the substance or mixture

Do not breathe gas/vapours/spray.

5.3 Advice for fire-fighters

Special protective equipment:

- indoors it is advisable to wear a self-contained breathing apparatus to avoid breathing any irritant smokes.
- Avoid the formation of cloud of dust and accumulation of electrostatic charges.

Special measures:

- keep containers cool with water spray. Avoid release to the environment.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel: evacuate the danger area. Consult an expert.
- For emergency responders: the wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing;

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: avoid, as much as possible, generating dusty conditions, for instance moistening the powder with water; take-up the material and place into a suitable container for disposal. After having recovered the spillage, wash the spill area with water.

6.4 Reference to other sections

none

7 HANDLING AND STORAGE**7.1 Precautions for safe handling**

In case of inadequate ventilation wear respiratory protection. Not to eat, drink and smoke in work areas; to wash hands after use and to remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes, on skin, or on clothing.

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7.2 Conditions for safe storage, including any incompatibilities

Store away from direct sunlight, at room temperature, in dry conditions and in airtight unopened packaging.

7.3 Specific end use(s)

See section n. 1

8 EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters**

TLW-TWA (powders): 10 mg/m³

8.2 Exposure controls

Individual protection measures, such as personal protective equipment

- Eye / face protection: safety glasses.
- Skin Protection: Wear protective gloves/protective clothing (PVC, viton, cotton, rubber).
- Hand protection: protective gloves (PVC, neoprene, rubber).
- Respiratory protection: it is advisable, however, to operate in a room provided with an approved respirator.

Environmental exposure controls: Operate in a room provided with aspirator.

9 FISICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance:	Light brown-orangish, fine powder
pH:	n.a.
Initial boiling point and boiling range;	n.a.
Flash Point (°C):	n.a.
Evaporation rate:	n.a.
Upper/lower flammability or explosive limits:	n.a.
Vapour pressure:	n.a.
Solubility:	n.a.
Relative Density:	0,5 g/ml
Auto-ignition Temperature:	n.a.
Explosive Properties:	may form flammable/explosive vapour-air mixture in presence of large quantity of product with flames, static electricity.

9.2 Other information

None

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10 STABILITY AND REACTIVITY**10.1 REACTIVITY****10.2 Chemical stability**

Stable in the normal condition.

10.3 Possibility of hazardous reactions

Avoid the formation of cloud of dust and accumulation of electrostatic charges.

10.4 Condition to avoid

Keep cool. Protect from sunlight.

10.5 Incompatible Materials

Keep/Store away from any incompatible materials, as well as strong antioxidants.

10.6 Hazardous decomposition products

Carbon Oxide and other unidentified organic compounds may be formed upon combustion.

11 ITOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

No relevant test data are available on the product as such.

Toxicological information related to main naturally occurred chemical constituents of the product and therefore to products with chemically-related composition are listed below [Fonte: Toxnet].

Rutin(CAS: 153-18-4; EINECS: 205-814-1)

Oral Toxicity

LD50 ip, mice: 200 mg/kg;

LD50, ip, rat: 2000 mg/kg;

LD50, iv, mice: 950 mg/Kg

Toxicity data about carcinogenic and mutagenic effect are poor or contradictory.

As a powder product, the non-compliance with the appropriate manufacturing practices and handling, can cause eye and respiratory tract irritation.

12 ECOLOGICAL INFORMATION**12.1 Toxicity**

No relevant test data are available. Generally the preparation and its products of degradation are not ecotoxic, nor hazardous for plants and animals and have not any effect on the activity of micro-organism. The preparation can be treated like other biodegradable products. However it is available to avoid the uncontrolled scattering into the environment.

12.2 Persistence and degradability

n.a.

12.3 Bioaccumulative potential

n.a.

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12.4 Mobility in soil

n.a.

12.5 PBT e vPvB Valuation

n.a.

12.6 Other adverse effects

n.a.

13 DISPOSAL CONSIDERATIONS

Recover, if possible. Waste must be disposed of in accordance with the relevant Community, national and local waste disposal provisions.

Contaminated packaging: the contaminated packaging can be disposed as not dangerous wastes.

14 TRANSPORT INFORMATION

The substance is not hazardous for road, sea and air transport and is not subject to transport regulations.

14.1 UN Number

none

14.2 UN Proper Shipping Name

none

14.3 Transport Hazard Class

ADR/RID/ADN: none

Code IMDG: none

IATA/ICAO: none

14.4 Packing Group:

none

14.5 Environmental Hazard:

ADR/RID- : none

Marine pollutant: none

14.6 Special precaution for user

ADR/RID Tunnel Restriction Code: none

IATA - Passenger Aircraft: none

IATA -Cargo Aircraft: none

IATA - Special Disposal: none

IATA - ERG: none

IMDG-EMS: none

IMDG-Storage Category: none

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

Environment Pollutant:

No



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15. REGULATORY INFORMATION

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

Reg. (CE) n. 1907/2006 (REACH), Reg. (CE) 1272/2008 (CLP), Reg. (CE) n. 790/2009.

15.2. Chemical safety assessment

No

16 OTHER INFORMATION

No



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This Safety Data Sheet replaces any previous version and it complies to Reg. (EU) n. 830/2015.

The information above is based on present level of our knowledge. It does not, however, represent any guarantee of the properties or of the use of the product it accompanies. Users should make their own investigations to determine the suitability of the information for their particular purposes. EVRA s.r.l. shall not be held liable for any damage resulting from the incorrect handling or from contact with the above preparation.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service
CLP:	Classificazione, Etichettatura, Imballaggio.
DNEL:	Derived No Effect Level
EINECS:	European Inventory of Existing Commercial Chemical Substances
GefStoffVO:	Gefahrstoffverordnung Hazardous Substances Ordinance, Germany
GHS:	Globally Harmonized System
IATA:	International Air Transport Association
IATA-DGR:	International Air Transport Association - Dangerous Goods Regulation
ICAO:	International Civil Aviation Organization
ICAO-TI:	International Civil Aviation Organization – Technical Instructions
IMDG:	International Maritime Dangerous Goods
INCI:	International Nomenclature of Cosmetic Ingredients
KSt:	Strickler <i>coefficient</i>
LC50:	Lethal Concentration 50%
LD50:	Lethal Dose 50%
PNEC:	Predicted No Effect Concentration
RID:	International Rule for Transport of Dangerous Substances by Railway
STEL:	Limite d'esposizione a corto termine.
STOT:	Specific Target Organ Toxicity
TLV:	Threshold Limit Value
TWA/TLV:	Time wighted average: average exposure on the basis of a 8/day, 40h/week work schedule
WGK:	Wassergefährdungsklassen – German water hazard classes

END OF SAFETY DATA SHEET