

<i>Indunor S.A.</i>		MATERIAL SAFETY DATA SHEET NUTRI P	CODIGO: SDS 43 REVISIÓN: 2 FECHA Rev: 18/02/21
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NUTRI P

MATERIAL SAFETY DATA SHEET

SECTION I:

Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Silvafeed Nutri P

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

Recommended use: Feed Additive

1.3. Details of the supplier of the safety data sheet

Headquarters: INDUNOR S.A. Cerrito 1136

CP: C1010AXX - Buenos Aires - Argentina

Tel.:54 11 4590-0400. Care Monday through Friday from 9:00 to 17:30 pm

Factory: La Escondida - Chaco - Argentina. CP: 3514

Tel: 54 362 4614356 Available 24 hours

SECTION II:

Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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SECTION III: Composition/information on ingredients

Vegetable tannins: Schinopsis Lorentzii, tannic acid.

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

None

SECTION IV: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

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

In case of Ingestion

If widely ingested rinse mouth with water and consult a doctor showing the safety-data sheet.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

None

SECTION V: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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SECTION VI: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION VII: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Dry and adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION VIII: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

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N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Eye glasses with side protection.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Use protective gloves.

Respiratory protection:

Not needed for normal use.

Use respiratory protection where ventilation is insufficient or exposure is prolonged, e.g.

CEN/FFP-1 or CEN/FFP-2.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION IX:

Physical and chemical properties

	Value	Method:	Notes:
Appearance and colour:	Brown powder	--	--
Odour:	Characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	4 – 5,20	Sol.10%	--
Melting point / freezing point:	Degradate at 200°C	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	198°C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--

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Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.5 - 0.6 Kg/dm3	--	--
Solubility in water:	Soluble	--	--
Solubility in oil:	Not soluble	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	> 500°C	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

SECTION X: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

Powders may form flammable mixtures with air if the amount of ignition power is enough

10.5. Incompatible materials

Incompatible with strong oxidants, gelatin, starches.

10.6. Hazardous decomposition products

None.

SECTION XI: Toxicological information

11.1. Information on toxicological effects

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

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Skin irritation: Not irritant effect
 Eye irritation: Not irritating
 Sensitization: No sensitizing effects known.

SECTION XII: Ecological information

12.1. Toxicity

Adopt sound working practices, so that the product is not released into the environment.
 N.A.

12.2. Persistence and degradability

None
 N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION XIII: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION XIV: Transport information

14.1. UN number

Not classified as dangerous according to transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

N.A.

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No

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SECTION XV: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) 2015/830

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII

Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):

N.A.

15.2. Chemical safety assessment

No

SECTION XVI: Other information

Paragraphs modified from the previous revision:

SECTION 2: Hazards identification

SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

CCNL - Appendix 1 "TLV for 1989-90"

The information contained in this MSDS is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release. ADR:

European Agreement concerning the International Carriage of Dangerous Goods by Road.

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CAS: Chemical Abstracts Service
(division of the American Chemical Society).
CLP: Classification, Labeling,
Packaging.
DNEL: Derived No Effect Level.