

**Safety Data Sheet dated 14/2/2017, version 0**

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**1. Identification**

GHS Product identifier  
Mixture identification:  
Trade name: NUTRIFERM OSMOBACTI  
Recommended use of the chemical and restrictions on use  
Recommended use:  
FOR PROFESSIONAL USE  
Restrictions on use:  
Supplier's details  
Company:  
Esseco S.r.l. Via San Cassiano 99  
28069 - Trecate (NO)  
Italy  
Enartis - Phone n. +39-0321-790300  
Competent person responsible for the safety data sheet: vino@enartis.it  
Importer's details  
Company:  
ENARTIS PACIFIC PTY LTD  
21 Yorkshire - Richmond  
Victoria 3121 - Australia  
Ph. +61 (03) 9428 0037  
  
PO Box 4304 - Marewa  
Napier - New Zealand  
Ph. +63 (06) 8434 413  
Emergency phone number  
Esseco - Phone n. +39-0321-7901  
Australia Wide 24/7 Poison Information centre: 131126  
New Zealand Emergencies National Poisons Centre: 0800 764 766  
Other Emergencies: Dial 111 then ask for fire, ambulance or police as required

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**2. Hazard identification**

Classification of the Hazardous chemical  
The product is not classified as dangerous according to Australia WHS 2012.  
GHS label elements, including precautionary statements  
The product is not classified as dangerous according to Australia WHS 2012.  
Hazard pictograms:  
None  
Hazard statements:  
None  
Precautionary statements:  
None  
Special Provisions:  
None  
Other hazards which do not result in a classification  
No other hazards

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**3. Composition/information on ingredients**

Substances  
No Data Available  
Mixtures

Qty	Name	Ident. Number	Classification
>= 30% - < 40%	CELLULOSE	CAS: 9004-34-6 EC: 232-674-9	The product is not classified as dangerous according to Australia WHS 2012.
>= 7% - < 10%	L-MALIC ACID	CAS: 97-67-6 EC: 202-601-5	⚠ 3.2/2 Skin Irrit. 2 H315 ⚠ 3.3/2A Eye Irrit. 2A H319

#### 4. First-aid measures

Description of necessary 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:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

In case of Inhalation:

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

Symptoms caused by exposure

None

Medical attention and special treatment

Treatment:

None

#### 5. Fire-fighting measures

Suitable extinguishing media

Water.

Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Hazardous combustion products:

None

Explosive properties: No Data Available

Oxidizing properties: No Data Available

Special protective equipment and precautions for fire-fighters

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.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

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

Methods and material for containment and cleaning up  
 Wash with plenty of water.

## 7. Handling and storage

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.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

## 8. Exposure controls/personal protection

Control parameters – exposure standards, biological monitoring

CELLULOSE - CAS: 9004-34-6

OSHA - TWA: 5 mg/m<sup>3</sup> - Notes: Respirable Fraction 15 mg/m<sup>3</sup> total dust

ACGIH - TWA(8h): 10 mg/m<sup>3</sup> - Notes: URT irr

National - TWA: 10 mg/m<sup>3</sup> - Notes: Ref. Workplace exposure standards for airborne contaminants

Appropriate engineering controls

None

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection.

Suitable material:

UNI EN 420/UNI EN 374

Respiratory protection:

Not needed for normal use.

Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Thermal Hazards:

None

## 9. Physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Solid	--	--
Odour:	Characteristic	--	--
Odour threshold:	No Data Available	--	--
pH:	± 5.50 (10%)	--	--
Melting point / freezing point:	No Data Available	--	--

Initial boiling point and boiling range:	No Data Available	--	--
Flash point:	No Data Available	--	--
Evaporation rate:	No Data Available	--	--
Solid/gas flammability:	No Data Available	--	--
Upper/lower flammability or explosive limits:	No Data Available	--	--
Vapour pressure:	No Data Available	--	--
Vapour density:	No Data Available	--	--
Relative density:	No Data Available	--	--
Solubility in water:	No Data Available	--	--
Solubility in oil:	No Data Available	--	--
Partition coefficient (n-octanol/water):	No Data Available	--	--
Auto-ignition temperature:	No Data Available	--	--
Decomposition temperature:	No Data Available	--	--
Viscosity:	No Data Available	--	--

## 10. Stability and reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

Stable under normal conditions

### Possibility of hazardous reactions

None

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None.

## 11. Toxicological information

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Toxicological information of the product:

NUTRIFERM OSMOBACTI

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

No Data Available

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## 12. Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

NUTRIFERM OSMOBACTI

Not classified for environmental hazards

Based on available data, the classification criteria are not met

Persistence and degradability

No Data Available

Bioaccumulative potential

No Data Available

Mobility in soil

No Data Available

Other adverse effects

None

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## 13. Disposal methods

Waste treatment methods

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

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## 14. Transport information

UN number

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Not classified as dangerous in the meaning of transport regulations.  
UN proper shipping name  
N.A.  
Transport hazard class(es)  
N.A.  
Packing group, if applicable  
N.A.  
Environmental hazards  
No  
Special precautions for user  
N.A.  
Additional Information  
N.A.

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## 15. Regulatory information

Safety, health and environmental regulations specific for the product in question  
This Safety Data Sheet has been prepared according to the Australian Work Health and Safety (WHS) act and the Code of Practice on preparation of safety data sheets for Hazardous Chemicals  
List of substances included in the NICNAS  
CELLULOSE  
List of substances included in the AICS inventory  
CELLULOSE  
Poison Schedule (SUSMP)  
None Specified  
  
HSNO Group Standard: N.A.  
HSNO Hazard Classification: N.A.

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## 16. Other information

Full text of phrases referred to in Section 3:  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
This document was prepared by a competent person who has received appropriate training.  
Main bibliographic sources:  
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold  
The information contained herein 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.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not Available
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.