

Regulation (EC) n° 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) – Annex II: Requirements for the compilation of safety data sheets

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identification**

PRODUCT'S NAME:

NORTEMBIO FERTILIZER

CAS N°: 77-92-9

CE N°: 201-069-1

REACH REGISTRATION N°: 01-2119486789-11-XXXX

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

Product use: Intended for use as a fertilizer. Excellent for the proper development of plants.

Uses advised against: Not known.

1.3. Details of the supplier of the safety data sheet

Company's name: Nortem Chem S.L.

Address: C/ Alexander Humboldt N°12. El Puerto de Santa María, 11500, Cádiz (Spain).

Number phone: +34 856 925 095

E-mail: elpuerto@nortemchem.com**1.4. Emergency telephone number**

Emergency telephone number: +34 856 925 095

Timetable (Monday - Friday): from 09:00 am to 18:00 pm

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

The substance does not contain dangerous components.

* Classification according to Regulation (CE) No 1272/2008.

* Check the complete classification, including the precautionary statements in SECTION 16.

2.2. Label elements

Not applicable.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

vPvB: This substance does not contain substances identified as vPvB

SECCIÓN 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1. Substances**

Not applicable.

3.2. Mixture

Not applicable.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid**

General information: No special measures are required.

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

In case of inhalation: Supply fresh air, consult the doctor in case of complaints.

In case of skin contact: Generally the product does not irritate the skin.

In case of contact with eyes: Rinse eyes open for several minutes under running water.

If swallowed: Drink plenty of water to dilute. If symptoms persist, consult a doctor.

* Delayed effects: Not applicable.

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

Not applicable.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media: Use discontinuous flow of water or water mist. Ensure perfect ventilation.

Unsuitable extinguishing media: Not applicable.

5.2. Special hazards arising from the substance or mixture

Specific hazards: During combustion in the fire there are no toxic vapors derived from the substance.

Specific hazards during firefighting: There are no specific hazards arising from the substance.

5.3. Advice for firefighters

Recommendations for personnel: During firefighting, wear suitable protective masks and, during long-term extinction, use oxygen breathing apparatus.

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

Avoid dust. No protective equipment and emergency procedures are required.

6.2. Environmental precautions

No adverse use. Prevent pollution of surface and groundwater.

Additional information: No hazardous substances are released.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Clean up contamination / spills immediately. Collect waste mechanically. Collect as much as possible in the clean container, convenient for reuse, otherwise for disposal.

Wash the area with plenty of water.

6.4. Reference to other sections

See sections 8 and 13 of this SDS.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Advice for safe handling: Wear individual protective glasses.

Advice to avoid the creation of new risks for health and the environment: Not applicable There are no special risks to health and the environment.

Advice on general hygiene measures: Wash hands after each use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep in dry, covered and ventilated warehouses.

Incompatible materials: Not applicable.

Conditions for joint storage: Store in closed containers.

7.3. Specific end use(s)

Intended for use as a fertilizer. Excellent for the proper development of plants.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits: Not required.

8.2. Exposure Controls

Individual protection measures:

Respiratory protection: Not necessary.

Eye protection: Eyes protection.

Hands/ Skin protection: Not necessary.

Environmental exposure controls:

No special environmental precautions are required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Solid crystal white
Odor	Odorless
Olfactory threshold	N/A
pH	-
Melting point / freezing point	N/A
Initial boiling point / boiling range	N/A
Flash point	N/A
Evaporation Rate	It does not evaporate
Flammability (solid, gas)	It does not ignite
Upper / lower flammability or explosive limits	N/A
Vapor pressure	N/A
Vapor density	-
Density (20 °C)	1.67 g/cm ³ (20°C)
Solubility(ies)	73.8 g/L (a 100° C)
Partition coefficient n-octanol / water	N/A
Auto-ignition temperature	-
Decomposition temperature	It does not decompose
Viscosity	N/A
Explosive Properties	It does not explode
Oxidizing properties	Non-oxidizing

* N/A: Not apply.

9.2. Other information

Not applicable.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

Not applicable. It has no dangers of reactivity.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None in particular.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

The relevant hazard class of this product: Not applicable.

Acute toxicity:

Oral (rat): DL50 > 2000 mg/kg

Dermal (rat): DL50 > 2000 mg/kg

Skin corrosion or irritation: Non-irritating.

Serious eye damage or eye irritation: Non-irritating.

Respiratory or skin sensitization: Does not cause skin sensitization.

Germ cell mutagenicity: Not considered mutagenic.

Carcinogenicity: Not considered carcinogenic.

Reproductive toxicity: Not considered to be toxic for reproduction.

Specific exposure limit for single organs (STOT) - single exposure: Not applicable.

Specific exposure limit (STOT) - repeated exposure: Not applicable.

Aspiration hazard: Not applicable.

Likely routes of exposure: Not applicable.

Symptoms related to the physical, chemical and toxicological characteristics: Skin irritation may occur.

Delayed and immediate effects as well as chronic effects from short and long-term exposure: Not applicable.

Interactive effects: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity for fishes

LC50 *Gambusia affinis* (Mosquito fish): 15500 mg/l; 96 h (IUCLID)

Toxicity for the daphnias and other aquatic invertebrates

EC50 *Daphnia magna* (Water fleas): 1700 mg/l; 24 h (IUCLID)

Toxicity to algae

EC50 *Desmodesmus subspicatus* (green algae): 2700 mg/l; 72 h (IUCLID)

Toxicity to bacteria

EC50 *Photobacterium phosphoreum*: 84000 mg / l; 30 min (IUCLID)

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

No bioaccumulation is expected.

12.4. Mobility in soil

Not applicable. Inorganic compound.

12.5. Results of the PBT and vPvB assessment

This product is not considered to be persistent, bioaccumulable or toxic (PBT).

This product is not considered to be very persistent or very bioaccumulable (vPvB).

12.6. Other adverse effects

Maintaining the proper handling conditions, ecological problems should not be expected.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment of the product: No special treatment.

Waste must be disposed of in accordance with local and national regulations. Leave the chemicals in their original containers. Do not mix with other waste. Handle dirty containers like the product itself.

* Without special precautions.

SECTION 14: TRANSPORT INFORMATION

Non-dangerous goods for ADR, RID, ADN, IMDG and ICAO according to United Nations Standard Regulations.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Particular precautions for users

Not applicable.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/ legislation specific for the substance or mixture**

- This Safety Data Sheet complies with Commission REGULATION (EC) 2015/830 amending REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- This product marketed complies with REGULATION No. 1272/2008 of the European Parliament and the Council of December 16, 2008 on classification, labeling and packaging of substances and mixtures - CLP.

15.2. Chemical Safety Assessment

Not considered a hazardous chemical.

SECTION 16: OTHER INFORMATION

The information provided in this safety data sheet is correct to the best of our knowledge at the time of its review. The information given only describes the products with respect to safety provisions and should not be considered as a warranty or specification of quality, nor constitute a legal relationship. The information contained in this safety data sheet applies only to the specific material indicated and may not be valid if used in combination with other products or in any process, unless otherwise specified in the text.

Hazard class	Not applicable.
Category of danger	Not applicable.
Hazard statements	Not applicable.
Word of warning	Not applicable.
Precautionary statements	Not applicable.