

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Name : NutriRhize
Product code : NutriRhize

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Fertilizers

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

TIMAC AGRO USA, INC
P.O. Box 888 - Route 724 & I-176
READING - USA
T 1-800-545-5474
info-fds@roullier.com

Manufacturer

TIMAC AGRO
27 avenue Franklin Roosevelt
35408 Saint-Malo cedex - FRANCE
T +33 2 99 20 65 20
info-fds@roullier.com - www.roullier.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
Europe/Middle-East/Africa	3E (24h/7d)		+1-760-476-3961 (Access code : 333021)
USA	USA POISON CONTROL CENTER (24h/7d)		1-800-222-1222

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact : Wash with plenty of water. If on skin and if skin irritation occurs, seek medical advice and attention.
First-aid measures after eye contact : Rinse immediately and thoroughly with clean water during at least 15 minutes, keeping the eyes wide open. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). If you feel unwell, seek medical advice.

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

Symptoms/injuries : See 2.1 / 2.3.

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

No data / information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. AFFF foam. CO2.

Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non combustible.

5.3. Advice for firefighters

Protection during firefighting : Do not enter or remain in the danger zone without protection clothing. Wearing autonomous, insulating breathing equipment is recommended when entering the danger zone.

Other information : Avoid pouring fire water down the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid dust production. Where contact with eyes or skin is likely, wear suitable protection. Concerning personal protective equipment to use, see item 8.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spillage. Carefully collect remainder. Scoop absorbed substance into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Clean contaminated surfaces with an excess of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust concentrations. Where contact with eyes or skin is likely, wear suitable protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in original containers.

Storage area : Store in a dry area. Store at ambient temperature.

7.3. Specific end use(s)

No data / information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information : No study has been carried out for the moment on this mixture.

8.2. Exposure controls

Hand protection : butyl rubber gloves. Latex gloves

Eye protection : Use splash goggles when eye contact due to splashing is possible

Skin and body protection : Skin protection appropriate to the conditions of use should be provided

Respiratory protection : Where excessive dust may result, wear approved mask

Other information : Wash hands after working with the product. If on skin, take off contaminated clothing. Do not drink, eat or smoke in the workplace.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: gray to slightly pink.
Odour	: odourless.
Odour threshold	: Not applicable
pH	: No data available
pH solution	: 7 - 9 - pH value in distilled water
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: > 780 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: If significant formation of dust, dust-air mixture may be flammable/explosive.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Density	: 700 - 900 kg/m ³
Solubility	: Water: partially to totally soluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: If significant formation of dust, dust-air mixture may be flammable/explosive.
Oxidising properties	: Not determined.
Explosive limits	: Not determined

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

By thermal decomposition, product may emit oxides of sulfur, phosphorus oxides (eg P₂O₅), corrosive and toxic, ammonia.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No data / information available.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Alkalis, strong acids, copper and other alloys.

10.6. Hazardous decomposition products

In the event of fire: see chapter 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Due to the composition of the mixture is not classified as toxic by the oral route (conventional method)
Skin corrosion/irritation	: Not classified No study has been carried out for the moment on this mixture.
Serious eye damage/irritation	: Not classified No study has been carried out for the moment on this mixture.
Respiratory or skin sensitisation	: Coughing (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

By analogy on the basis of its components, the product should not be classified as harmful if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No study has been carried out for the moment on this mixture. Avoid discharging large quantities of product into the environment.

12.2. Persistence and degradability

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Persistence and degradability	No study has been carried out for the moment on this mixture.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No data / information available.
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12.4. Mobility in soil

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Ecology - soil	The main components of the mixture are completely soluble in water.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : No data / information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Disposal by incineration or reuse of the material through recycling after cleansing of product residues. Recycling or incineration by an approved company.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

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Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Other information, restriction and prohibition regulations : All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list.

15.1.2. National regulations

Ensure all national/local regulations are observed

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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Other information : according to Regulation (EC) No. 1907/2006 (REACH), according to Regulation (EC) No. 453/2010.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product