

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

### 1.1. Product identifier

Trade name : RESID HC  
Name : Mycorrhizal fungi *Glomus iranicum* var. *tenuihypharum* var. nov.: 3 x 10<sup>3</sup> prop/100 ml  
Product code : -

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

#### 1.2.1. Relevant identified uses

Main use category : Bioinoculant/Agricultural soil conditioner

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Symborg S.L.  
Campus de Espinardo, Nº7. Edificio CEEIM.  
30100 - Espinardo - - Spain  
T + 34 968 899 250  
[symborg@symborg.es](mailto:symborg@symborg.es)

### 1.4. Emergency telephone number

Emergency number : 112

Country	Company	Address	Emergency number
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid	Calle Luis Cabrera 9 E-28002 Madrid	+34 91 562 04 20

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

It is not a hazardous preparation for human health or the environment according to Regulation (EC) No. 1272/2008

Full text of H-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP) : No pictogram assigned  
Signal word (CLP) : No Signal word assigned  
Hazardous ingredients : No contains hazardous ingredients  
Hazard statements (CLP) : No hazard statements assigned  
Precautionary statements (CLP) : No precautionary statements assigned  
EUH phrases : No EUH phrases assigned

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Classification according to Regulation (EC) No. 1272/2008 [CLP]
<i>Glomus iranicum</i> var <i>tenuihypharum</i>	It is not a hazardous ingredient for human health or the environment according to Regulation (EC) No. 1272/2008

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Move the affected person to the fresh air. If not breathing, give artificial respiration. Call a doctor.
- First-aid measures after skin contact : Remove contaminated clothes. After contact with skin, wash immediately with plenty of water.
- First-aid measures after eye contact : Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
- First-aid measures after ingestion : Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

### 5.3. Advice for firefighters

- Firefighting instructions : Appropriate self-contained breathing apparatus may be required.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Do not allow material to contaminate surface water system.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Wear eye protection. Personal protective equipment. EN ISO 20345.
- Emergency procedures : Evacuate personnel to a safe area.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable hand, body and head protection.

### 6.2. Environmental precautions

None.

### 6.3. Methods and material for containment and cleaning up

- For containment : Label the container and provide warning statements to prevent any contact.
- Methods for cleaning up : Clean spills promptly. Wash contaminated area with large amounts of water.

### 6.4. Reference to other sections

Reference to other sections (8, 13).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Precautions for safe handling : Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with soap and water before leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures : Keep only in the original container in a cool well ventilated place. Store in a dry, cool area. Protect from light.  
Storage conditions : When not empty dispose of this container at hazardous or special waste collection point. Containers remain hazardous when empty. Continue to observe all precautions.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Hand protection : Chemical resistant gloves.  
Eye protection : Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.  
Respiratory protection : Extra personal protection: P2 filter respirator for harmful particles. Extra personal protection: P3 filter respirator for toxic particles.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state : Solid  
Appearance : Powder  
Colour : Light brown  
Odour : Inodore  
Odour threshold : No data available  
pH : 7.92  
pH solution : 1%  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
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) : Non flammable  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : 1.20 g/ml  
Solubility : No data available  
Log Pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : Product is not explosive.  
Oxidising properties : Not classified.  
Explosive limits : No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

The product is stable at normal handling and storage conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No applicable

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

***Glomus iranicum var tenuihypharum***

LD <sub>50</sub> oral rat	No determined
LD <sub>50</sub> guinea pig	No determined
LC <sub>50</sub> inhalation rat (mg/l)	No determined

**SECTION 12: Ecological information**

**12.1. Toxicity**

***Glomus iranicum var tenuihypharum***

Algae - NOEC	No determined
Daphnia - NOEC	No determined
Fish - NOEC	No determined

**12.2. Persistence and degradability**

***Glomus iranicum var tenuihypharum***

Persistence and degradability	Low, half-life 2 years
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**12.3. Bioaccumulative potential**

***Glomus iranicum var tenuihypharum***

Bioaccumulation	No bioaccumulative. Degraded by the micro-organism at soil.
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**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Regional legislation (waste) : Disposal must be done according to official regulations.

**SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
NO ENVIRONMENTALLY HAZARDOUS SUBSTANCE	NO ENVIRONMENTALLY HAZARDOUS SUBSTANCE	NO ENVIRONMENTALLY HAZARDOUS SUBSTANCE
Dangerous for the environment : NO	Dangerous for the environment : NO Marine pollutant : NO	Dangerous for the environment : NO

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

It is not a hazardous mix according to Regulation (EC) No. 1272/2008

#### 15.1.2. National regulations

Refer to protective measures listed in Sections 7 and 8

### 15.2. Chemical safety assessment

Relevant national legislation applicable may be found in the national MSDS.

## SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

### Other data

Revision date:	22.08.2016
Version:	1.0/US
Replaces:	14.01.2016
Indication of changes:	Minor changes in Section 1.4 and 2.2.

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*

