

HERFOSEC

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

1.1. Product identifier

Product form : Mixture
Product name : **HERFOSEC**
Active Ingredient : Herbal fermentation product

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

Relevant identified uses

Main use category : Professional use for Agriculture
Use of the substance/mixture : Plant/crop care

Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Supplier

Pireco Productie BV
Chroomstraat 8b
8211 AS Lelystad
Flevoland, Netherlands
Phone: +31 (0)320-233572
info@pireco.nl

Distributor

1.4. Emergency telephone number

Emergency number : The common European emergency number is 112 (following Directive 2002/22/EC – Universal Service Directive) and also standard on GSM mobile phones.

For further advice for medical professionals - The National Poisons Information Centre: +31 (0)30-2748888 (24 hours a day, 7 days a week) P.O. Box 1, 3720 BA Bilthoven.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive (EC) No. 1272/2008 (CLP)

Not classified

Adverse physical-chemical, health and environmental effects

As far as known, this product does not present a particular hazard if the usual hygiene rules are observed.

2.2. Label elements

Labelling according to Directive 67/548/EEC or 1999/45/EC

Safety recommendation : P102 – Keep out of reach of children.
: P233 – Keep container tightly closed.
P262 – Do not get in eyes, on skin or on clothing.

2.3. Other hazards

Mixture meets the criteria for PBT in accordance with Annex XIII : Not applicable

Mixture meets the criteria for vPvB in accordance with Annex XIII : Not applicable

Other hazards which do not result in classification : The product causes slippery surface in combination with water.

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Non-toxic Herbal extracts based on water	Not applicable	100%	Not classified

Full content of the R- and H-sentences: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: No specific symptoms and effects known.
First-aid measures after inhalation	: Not applicable
First-aid measures after skin contact	: Wash skin with water and soap. Consult a doctor if irritation occurs.
First-aid measures after eye contact	: Flush eyes with water for at least 15 minutes.
First-aid measures after ingestion	: Rinsing
Personal protective equipment for first aid responders is recommended	: No action may be taken if there is a chance of personal injury or in case of insufficient training.

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

Significant effects and critical hazards are not known.

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

Specific treatment : No specific treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray Dry chemical powder Alcohol resistant foam Carbon dioxide (CO ₂)
Unsuitable extinguishing media	: None

5.2. Special hazards arising from the substance or mixture

Product is non-flammable and non-combustible.

5.3. Advice for firefighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not breathe fumes. Cool closed containers exposed to fire with water spray.
Protection during firefighting	: Do not intervene without appropriate safety devices. Independent working respiratory protection. Fully protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Leaving unnecessary staff away.

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For emergency responders

Protective equipment : Equip cleaning staff with custom protection.
Emergency procedures : Ventilate the room

6.2. Environmental precautions

Prevent release into the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent to collect it.
Once absorbed collect spilled material with shovels,
buckets and place in closed containers and label properly.
Do not slip away in surface waters.

6.4. Reference to other sections

See sections 7-8-13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed skin areas with soap and water before
eating, drinking, smoking or leaving work. Ensure good ventilation in the
processing area to avoid fog formation.
Hygiene measures : Do not eat, drink or smoke while using this product. Always wash your
hands immediately after handling this product.

7.2. Conditions for safe storage, including any incompatibilities

Handling : No special precautions
Storage : Store in a cool, dry place. Keep products closed tightly.
Avoid : All sources of heat, as well as direct sunlight.
Storage conditions : Keep locked up and out of the reach of children.
Keep in original containers, tightly closed.
Keep away from food, drink and animal feeding stuffs.
Protect against frost

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit value is known.

8.2. Exposure controls

Appropriate engineering controls : Provide good ventilation in working area.
Hand protection : Suitable non-permeable protective gloves (category 1, 2 and 3).
Eye/face protection : In case of exposure caused by splashes wear eye-protection.
Skin protection : Wear suitable protective clothing (cover-all).
Respiratory protection : Not necessary.
Environmental exposure controls : Prevent release into the environment.
Other information : Do not eat, drink or smoke when handling the product.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state (20 °C)	: Liquid
Color	: Beige
Odor	: Sulfurous odor
Odor threshold	: No data available
pH	: 6
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	: No data available
Relative density	: 1.04 g/ cm ³
Solubility in water	: yes
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Non explosive
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

None during normal handling and storage conditions.

10.2. Chemical stability

Not applicable

10.3. Possibility of hazardous reactions

No dangerous reaction known under normal conditions of use.

10.4. Conditions to avoid

Extremely high or extremely low temperatures.

10.5. Incompatible materials

No additional information available.

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10.6. Hazardous decomposition products

Under normal conditions of storage and use, no hazardous waste products are formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: No toxic effects are known
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified/minimal
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

Toxicity	: The product is not considered to be harmful or toxic.
Persistence and degradability	: Significant effects or critical hazards are not known.
Bioaccumulative potential	: No data available
Mobility in soil	: No data available
Results of PBT and vPvB assessment	: No data available
Other adverse effects	: Significant effects or critical hazards are not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General	: Cleaning in a safe manner, in accordance with local/national instructions.
Method of disposal	: Remove spilled amounts and remains with a detergent solvent.
Packing material	: Packaging material can be disposed as normal waste.

SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1. UN-number				
Inapplicable	Inapplicable	Inapplicable	Inapplicable	Inapplicable
14.2. UN proper shipping name				
Inapplicable	Inapplicable	Inapplicable	Inapplicable	Inapplicable
14.3. Transport hazard class(es)				
Inapplicable	Inapplicable	Inapplicable	Inapplicable	Inapplicable
Inapplicable	Inapplicable	Inapplicable	Inapplicable	Inapplicable
14.4. Packing group				
Environmentally hazardous: no	Environmentally hazardous: no Marine pollution: no	Environmentally hazardous: no	Environmentally hazardous: no	Environmentally hazardous: no
14.5. Environmental hazards : No additional information available.				

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14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.6.4. Transport in backwaters

No additional information available

14.6.5 Rail transport

No additional information available

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

Product name : HERFOSEC Liquid

Safety recommendation following No.1272/2008 (CLP) : P102 – Keep out of reach of children.
: P233 – Keep container tightly closed.
: P262 – Do not get in eyes, on skin or on clothing.

Does not include substances listed in the REACH substances list.

15.2. Chemical safety assessment

Not applicable

SECTION 16: Other information

Full text of Safety recommendation following No.1272/2008 (CLP).

P102	Keep out of reach of children
P233	Keep container tightly closed
P262	Do not get in eyes, on skin or on clothing

This information is listed according the Commission Regulation (EU) 2015/830.

This information was listed according to our recent level of knowledge and experience. They do not claim to be complete. This safety data sheet does not make any guarantees on properties of the preparation. Pireco Productie BV is not liable for any damages resulting from inappropriate usage or contact with the product.

- END OF SAFETY DATA SHEET -