

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

1.1 Product Identifier

Trade name: **Witvast**

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

Product category: PCO Other
Application: Professional use only

1.3 Details of the supplier of the safety data sheet

Manufacturer / Importer / Supplier: Houweling Horticulture bv
Klappolder 104
2665 LP Bleiswijk
Nederland
tel +31 88 1210 400
horticulture@houweling.nl
houweling.com

Further information obtainable from: Product safety department

1.4 Emergency telephone number

During office hours: +31 88 1210 400

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Description: Mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP Regulation.

2.2 Label elements

Not applicable.

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: Not applicable.

Signal word: Not applicable.

Hazard statements

Not applicable.

Precautionary statements

Not applicable.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: There is no additional information available.

vPvB: There is no additional information available.

SECTION 3 Composition/information on ingredients

3.1 Chemical characterisation: Substances

Not applicable.

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below, possibly with non-hazardous additions.

Dangerous components

| Component | Identification | Classification | Conc. % | Pictograms |
|-------------------|------------------------------------|----------------|--------------|------------|
| Calcium carbonate | CAS: 471-34-1 EINECS: 207-439-9 | | 50 - 100% | |

Additional information

For the wording of the listed hazard phrases see SECTION 16.

SECTION 4 First aid measures**4.1 Description of first aid measures****General information**

No special measures required.

After inhalation

Supply fresh air; consult doctor in case of complaints.

After skin contact

Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water.

After ingestion

If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

There is no additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

There is no additional information available.

SECTION 5 Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

There is no additional information available.

5.3 Advice for firefighters**Protective equipment**

Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

SECTION 6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow to enter sewers/surface/ground water.

6.3 Methods and material for containment and cleaning up

Pick up mechanically.

6.4 Reference to other sections

For information on safe handling: see SECTION 7.

For information on personal protection equipment: see SECTION 8.

For disposal information: see SECTION 13.

SECTION 7 Handling and storage**7.1 Precautions for safe handling**

No special measures required.

Information about fire and explosion protection

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and tanks**

No special requirements.

Information about storage in one common storage facility

Not required.

Further information about storage conditions

None.

7.3 Specific end use(s)

There is no additional information available.

SECTION 8 Exposure controls/personal protection

Additional information about design of technical facilities

No further data; see SECTION 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

471-34-1 Calcium carbonate

MAC (NL)

Long-term value: 10 mg/m³

Additional information

The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection

Not required.

Protection of hands



Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

For the permanent contact of a maximum of 15 minutes gloves made of natural rubber (NR) are suitable.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection/Face protection



Safety glasses

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form:

Powder.

Colour:

White.

Odour:

Odourless.

Odour threshold:

Not determined.

Other physical and chemical parameters

| | |
|--|---|
| pH-value at 20 °C: | 9.3 |
| Change in condition | |
| • Melting point/freezing point: | Not determined. |
| • Initial boiling point and boiling range: | Not determined. |
| Flash point: | Not determined. |
| Flammability (solid, gas): | Not determined. |
| Ignition temperature: | 275 °C |
| Decomposition temperature: | Not determined. |
| Auto-ignition temperature: | Product is not self-igniting. |
| Explosive properties: | Product does not present an explosion hazard. |
| Explosion limits | |
| • Lower explosion limit (LEL): | Not determined. |
| • Upper explosion limit (UEL): | Not determined. |
| Vapour pressure at 20 °C: | Not determined. |
| Density at 20 °C: | 0.50 - 1.00 g/cm ³ |
| Relative density: | Not determined. |
| Vapour density: | Not determined. |
| Evaporation rate: | Not determined. |
| Solubility in/miscibility with water: | Insoluble. |
| Partition coefficient (n-octanol/water): | Not determined. |
| Viscosity | |
| • Dynamic: | Not determined. |
| • Kinematic: | Not determined. |
| Solvent content VOC (EU 1999/13/EC): | Not determined. |

9.2 Other information

There is no additional information available.

SECTION 10 Stability and reactivity
10.1 Reactivity

There is no additional information available.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

There is no additional information available.

10.5 Incompatible materials

There is no additional information available.

10.6 Hazardous decomposition products

There are no dangerous decomposition products known.

SECTION 11 Toxicological information
11.1 Information on toxicological effects
Acute toxicity

Fatal if swallowed or in contact with skin.

LD/LC50 values relevant for classification
ATE (Acute Toxicity Estimates)

| | | |
|------|------|-------------------|
| Oral | LD50 | 6,450 mg/kg (rat) |
|------|------|-------------------|

Primary irritant effect

- **Skin corrosion/irritation**
No irritant effect.
- **Serious eye damage/irritation**
No irritant effect.
- **Respiratory or skin sensitization**
No sensitising effects known.

CMR effects (carcinogenic, mutagenic and reprotoxic)

- **Germ cell mutagenicity**
Based on available data, the classification criteria are not met.
- **Carcinogenicity**
Based on available data, the classification criteria are not met.
- **Reprotoxicity**
Based on available data, the classification criteria are not met.
- **Specific target organ toxicity from single exposure**
Based on available data, the classification criteria are not met.
- **Specific target organ toxicity from repeated exposure**
Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12 Ecological information
12.1 Toxicity
Aquatic toxicity

There is no additional information available.

12.2 Persistence and degradability

Not easily biodegradable.

12.3 Bioaccumulative potential

Does not accumulate in organisms.

12.4 Mobility in soil

There is no additional information available.

Additional ecological information

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

There is no additional information available.

12.6 Other adverse effects

There is no additional information available.

SECTION 13 Disposal considerations
13.1 Waste treatment methods
Product

Recommendation Smaller quantities can be disposed of with household waste.

Contaminated packaging

Recommendation Disposal must be made according to official Regulations.

SECTION 14 Transport information

| | | |
|------|---|-----------------|
| 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 | Special precautions for user: | 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
International Regulations

- **Directive 2012/18/EU, Named dangerous substances – ANNEX I**
None of the ingredients are listed.
- **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – ANNEX II**
None of the ingredients are listed.

National Regulations

- **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16 Other information
Department issuing SDS

Environment protection department

Abbreviations and acronyms

| | |
|--------|--|
| ADN | Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| CAS | Chemical Abstracts Service (division of the American Chemical Society) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals |
| IATA | International Air Transport Association |
| IMDG | International Maritime Code for Dangerous Goods |
| PBT | Persistent, Bioaccumulative and Toxic |
| RID | Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) |
| VOC | Volatile Organic Compounds (USA, EU) |
| vPvB | very Persistent and very Bioaccumulative |
| WEL | Workplace Exposure Limits |

References

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI). See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>. Based on Regulations – 1907/2006/EC, 272/2008/EC and directive 2012/18/EU.

Date of composition

22/03/2014

Version date

30/06/2020

Indication of changes

Revisions were made in sections marked with *.

Disclaimer

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