

Safety data sheet

according to 1907/2006/EC, Article 31

Page 1/6

Printing date 07/29/2013

Revision: 07/29/2013

Version number 3

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

- Product identifier
- Trade name: Vital wheat gluten
Vitale tarwegluten
- CAS Number:
93384-22-6
- EC number:
297-233-5
- Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- Application of the substance / the preparation Food additive
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Fagron
2400 Pilot Knob Road
St. Paul, MN 55120
www.fagron.us
- Further information obtainable from:
Tel: 800-423-6967
Fax: 800-339-1596
- Emergency telephone number: 800-423-6967

2 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
The substance is not classified according to the CLP regulation.
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.
- Information concerning particular hazards for human and environment: Not applicable.
- Label elements
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Additional information: Void
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Substances
- CAS No. Description
93384-22-6 Vital wheat gluten
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(Contd. on page 2)

USA

Safety data sheet

according to 1907/2006/EC, Article 31

Page 2/6

Printing date 07/29/2013

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- Identification number(s)
- EC number: 297-233-5

(Contd. of page 1)

4 First aid measures

- 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 swallowing: Rinse out mouth and then drink plenty of water. Consult a doctor.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions:
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
- Methods and material for containment and cleaning up:
Dispose of the material collected according to regulations.
- Reference to other sections
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire - and explosion protection: No special measures required.

(Contd. on page 3)

USA

Safety data sheet

according to 1907/2006/EC, Article 31

Page 3/6

Printing date 07/29/2013

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Vitale tarwegluten

(Contd. of page 2)

- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- 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.
- Penetration time of glove material
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Not required.

9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
- Form: Dust
- Colour: Cream coloured
- Odour: Characteristic
- Odour threshold: Not determined.
- pH-value: Not determined.

(Contd. on page 4)

USA

Safety data sheet

according to 1907/2006/EC, Article 31

Page 4/6

Printing date 07/29/2013

Revision: 07/29/2013

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Trade name: Vital wheat gluten
Vitale tarwegluten

(Contd. of page 3)

· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Self-igniting:	Not determined.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Not determined.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

USA

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Page 5/6

Printing date 07/29/2013

Revision: 07/29/2013

Version number 3

Trade name: Vital wheat gluten
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(Contd. of page 4)

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: May have an irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation Smaller quantities can be disposed of with household waste.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

- | | |
|------------------------------|----|
| · UN-Number | |
| · ADR | - |
| · UN proper shipping name | - |
| · Transport hazard class(es) | - |
| · Packing group | - |
| · Environmental hazards: | |
| · Marine pollutant: | No |

(Contd. on page 6)

USA

Safety data sheet

according to 1907/2006/EC, Article 31

Page 6/6

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Revision: 07/29/2013

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Trade name: Vital wheat gluten
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(Contd. of page 5)

· Special precautions for user Not applicable.

· Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code Not applicable.

15 Regulatory information

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing MSDS:

Fagron US

Quality Assurance

· Contact: martin.erickson@fagron.us

· Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

· * Data compared to the previous version altered.

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