



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Print Date 01.10.2015

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

#### 1.1 Product identifiers

Product name : Dextrose Monohydrate  
 REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.  
 CAS-No. :

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

Identified uses : Food and nutritional, Animal feed, Pharmaceutical, Cosmetics, Chemicals, Industrial and non-food.

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

Company : Vet-Way Ltd,  
 1 Harrier court  
 Airfield Business Park  
 Elvington  
 York  
 YO41 4EA  
 UNITED KINGDOM  
 Telephone : +44 (0)1904 607600  
 Fax : +44 (0)1904 607601

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Not classified

#### 2.2 Label elements

**Hazard statements:** Not Classified

**Precautionary statements:**

Not applicable

#### 2.3 Classification according to Directive 67/548/EC

**General** Not classified as dangerous under anticipated conditions of normal use

**Inhalation** Product can produce nuisance dust which should be maintained below a time weighted average of 10mg/m<sup>3</sup> (ACGIH TLV)

**Skin contact** Repeated or prolonged skin contact may result in mild irritation

**Eye contact** Particulates may scratch eye surfaces and cause mechanical irritation

**Ingestion** Ingestion may cause irritation of the gastrointestinal track

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### SECTION 3: Composition/information on ingredients

**Substance/Mixture** Substance

**Components** D-Glucose

**EINECS/ELINCS Number** 200-075-1 (anhydrous dextrose)

**CAS number** 14431-43-7

**Concentration (volume)** See product specification sheet for detailed information

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**Classification (Directive)** Not classified as dangerous

**Classification (CLP)** Not classified as dangerous

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General

Seek medical attention if irritation develops after first aid application

#### If inhaled

Move affected person from exposure to fresh air at once.

#### In case of skin contact

Wash skin with soap and water

#### In case of eye contact

Remove particles by irrigating with eye wash solution or clean water, holding eye lids apart.

#### If swallowed

Wash mouth and flush throat up to the stomach.

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

#### Skin contact:

#### Eye contact:

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

No specific recommendations

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media:

Carbon Dioxide, dry chemicals, foam, water spray (fog)

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

No special hazardous known

### 5.3 Advice for firefighters

Just as per normal fire fighting precautions

### 5.4 Further information

None known

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## SECTION 6: Accidental release measures

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

None under normal conditions. Avoid prolonged inhalation of dust.

### 6.2 Environmental precautions

Biodegradable, increases BOD and COD (see point 12)

### 6.3 Methods and materials for containment and cleaning up

Sweep or shovel spills into appropriate container for disposal.

Avoid making dust.

Vaccum with explosion proof vaccum cleaner.

Can be hosed down in normal sewage serviced by a waste water treatment plant.

Risk of deposits of suspended product.

## 6.4 Reference to other sections



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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use care to minimize dust generation; avoid dispersing the powder in the air. Prevent build up of powder on surfaces; excess dust should be removed by extraction.

Avoid static electricity: All handling equipment must be properly grounded

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in a clean, dry, well ventilated area.

Prevent heat contact, smoking, welding or open flame in the storage area.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Ingredient comments - No exposure limits known for ingredients.

#### 8.2 Exposure controls

##### Appropriate engineering controls

Provide sufficient ventilation of the area.

##### Personal protective equipment

###### Eye/face protection

Safety glasses are recommended

###### Skin protection

Coveralls should be worn to minimize the possible skin contact surface

###### Hand protection

Gloves are recommended due to possible irritation.

###### Respiratory protection

Dust mask is recommended

##### Environmental Exposure Controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on government websites:

[www.dti.gov.uk/access/index/htm](http://www.dti.gov.uk/access/index/htm) and [www.envirowise.gov.uk](http://www.envirowise.gov.uk)

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- |                     |                             |
|---------------------|-----------------------------|
| a) Appearance       | White to Off-White powder   |
| b) Odor             | Odourless                   |
| c) Odor Threshold   | no data available           |
| d) Water solubility | soluble in hot water        |
| e) Relative density | See product spec for values |



## 9.2 Other safety information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

There are no known reactivity hazards associated with this product.

### 10.2 Chemical stability

Product does not undergo spontaneous decomposition, is stable.

### 10.3 Possibility of hazardous reactions

Potenital dust explosion hazard

St-Class 1

P-Maz (bar.g) 5

Kst value (bar.m/s) 50

LEL (g/m<sup>3</sup>) 50

MIE (mJ) 100

MIT (°C) 300

LIT (°C) melts

Hazardous decomposition products: Burning can produce CO and CO<sub>2</sub>

### 10.4 Conditions to avoid

Avoid making dust

### 10.5 Incompatible materials

Avoid strong acids and alkali; oxidizing and reducing agents.

### 10.6 Hazardous decomposition products

Does not decompose when used and stored as recommended

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50/LC50: Not available

**Carcinogenicity:** Not classifiable as Carcinogen

**Epidemiology, Teratogenicity:** No information available

**Reproductive effects:** No information available

**Neurotoxicity:** No information available

**Other studies:** None

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## SECTION 12: Ecological information

### 12.1 Toxicity

No environmental hazard nor adverse effect know of this product.

### 12.2 Persistence and degradability

Readily biodegradable

COD (mg O<sup>2</sup>/g ds): +/- 1100

BOD (mg O<sup>2</sup>/g ds): +/- 700

### 12.3 Bioaccumulative potential

No data available on bioaccumulation.

#### 12.4 Mobility in soil

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This product is not dangerous when coming in contact with water.

#### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT/vPvB

#### 12.6 Other adverse effects

None known

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Send to landfill or incinerate. Federal state or local regulations should be observed.

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### SECTION 14: Transport information

Not classified as dangerous

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### SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Regulation (EC) No 1272/2008 of the European parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Labelling according to EC Directive 67/548/EC.

#### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

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### SECTION 16: Other information

This Safety Data Sheet has been established in accordance with the applicable European Directives and applied to all countries that have translated the Directives in their national laws. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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