

# SAFGLUCAN

## Safety data sheet FDS025E

### 1. IDENTIFICATION

|                            |   |
|----------------------------|---|
| Product name               | <b>SAGFLUCAN</b>  |
| Chemical type              | Beta-glucans issued from <i>Saccharomyces cerevisiae</i>  |
| Use of the product         | Substance used as feed material   |
| REACH Registration Number  | Exempted from REACH registration  |
| Supplier                   | Phileo<br>Division of S.I.Lesaffre<br>137 rue Gabriel Péri<br>59700 Marcq-en-Barœul - France<br>Tel : +33 (0)3.20.81.61.00<br>e-mail : info@phileo.lesaffre.com |
| Emergency telephone number | France (ORFILA) : + 33 (0)1 45 42 59 59   |

### 2. HAZARDS IDENTIFICATION

Substance not classified as hazardous according to the classification rules in Regulation (EC) N° 1272/2008 (CLP).  
Substance not classified as dangerous according to Directive (EEC) N° 67/548.

|            |  |
|------------|--|
| Eye        | Dust may cause mechanical irritation                               |
| Skin       | Repeated contacts may cause irritation                             |
| Inhalation | May cause irritation to mucous membranes of nose, throat and lungs |
| Ingestion  | Not applicable   |

### 3. INGREDIENTS COMPOSITION AND INFORMATIONS

Yeast beta-glucans are natural ingredients containing :

- Beta-glucans
- Minerals
- Lipids

### 4. FIRST AID MEASURES

|              |   |
|--------------|---|
| Eye contact  | Flush with running water. If irritation or adverse symptoms develop, seek medical attention.            |
| Skin contact | Wash skin with plenty of cold water. If irritation or adverse symptoms develop, seek medical attention. |
| Inhalation   | Remove from exposure. If illness or adverse symptoms develop, seek medical attention.                   |
| Ingestion    | In case of ingestion in large quantities, get medical assistance.                                       |

| <b>5. FIRE FIGHTING MEASURES</b>  |  |
|---|--|
| Suitable extinction medium  | Water, foam or CO <sub>2</sub>   |
| Contra-indicated extinction medium  | None   |
| Particular risks  | None   |
| <b>6. ACCIDENTAL RELEASE MEASURES</b>   |  |
| Particular precautions  | Personal protective equipment must be used.  |
| Precautions for environment protection  | Avoid discharging directly into the sewers (organic pollution).  |
| Cleaning method   | Easily eliminated by washing in water. Avoid high pressure rinsing.  |
| <b>7. HANDLING AND STORAGE</b>  |  |
| Handling  | Ensure adequate air extraction in order to prevent from dust inhalation.   |
| Storage   | Store in a dry and cool place, in its original packaging. Yeast beta-glucans can pick up flavour from the product stored in the same area. |
| <b>8. EXPOSURE CONTROL / INDIVIDUAL PROTECTION</b>  |  |
| Respiratory protection  | Safety mask to prevent from dust inhalation  |
| Ventilation   | Use adequate ventilation   |
| Hands protection  | Water proof gloves   |
| Eyes protection   | Protective goggles   |
| <b>9. PHYSICAL AND CHEMICAL PROTECTION</b>  |  |
| Appearance  | Highly hygroscopic powder  |
| Odour   | Typical of yeast   |
| Color   | Light beige  |
| pH (8,33% solution)   | 7,5 - 9,5  |
| Breakdown temperature   | > 100°C  |
| Self-ignition temperature   | > 250°C  |
| Danger of explosion   | <b>Class 1 dust</b>  |
| Minimal ignition temperature in 5 mm layer  | > 400°C  |
| Minimum ignition temperature in cloud   | > 490°C  |
| Minimal Ignition Energy (MIE)   | 1000 mJ < MIE  |
| Violence of explosion   |  |
| P <sub>max</sub> (bar)  | 5,1  |
| (dP/dt) <sub>max</sub> (bar/s)  | 202  |
| K <sub>st</sub> (bar.m/s)   | 55   |
| Class   | 1  |
| Density   | 0,3 - 0,6  |
| <b>10. STABILITY AND REACTIVITY</b>   |  |
| Yeast beta-glucans have bacteriological stability when kept in their original packaging, stored in a cool and dry place protected from direct sunlight. |  |
| Conditions to be avoided  | Prevent dust dispersion (explosion risk)   |
| Matters to be avoided   | Not applicable   |
| Hazardous breakdown products  | Not applicable   |

## 11. TOXICOLOGICAL INFORMATION

Repeated inhalations of dust may cause sensibilisation and will cause allergic type reaction in sensitised individual.

## 12. ECOLOGICAL INFORMATION

Yeast beta-glucans are highly biodegradable.

## 13. DISPOSAL CONSIDERATION

Product and contaminated packaging must be disposed of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

This product is not a dangerous good according to international transport regulations.

Road transport (ADR)

Rail transport (RID)

Sea and inland waterway transport (ADN / IMDG)

Air transport (ICAO / IATA)

Not regulated

## 15. REGULATORY INFORMATION

### Feed Material :

Regulation (EC) N°767/2009 on the placing on the market and use of feed

Regulation (EC) N°242/2010 creating the Catalogue of feed materials

Regulation (EC) N°183/2005 laying down requirements for food hygiene

### Authorization / restrictions according to Regulation (EC) N°1907/2006 (REACH) :

Not applicable

## 16. OTHER INFORMATIONS

### Glossary

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS : Chemical Abstracts Service

CLP : Classification, Labelling, Packaging

IATA : International Air Transport Association

IMDG : International Maritime Code for Dangerous Goods

RID : Regulation concerning the International Transport of Dangerous Goods by Rail

*The information provided in this Safety Data Sheet is based on the state of our knowledge relative to the concerned product, at the date of the revision of this Safety Data Sheet.*

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