

# SPRINGAROM

The content of this Safety Data Sheet complies with EC Directive 2001/58/EC.

## 1 SUBSTANCE AND COMPANY IDENTIFICATION

### 1.1 SUBSTANCE IDENTIFICATION

Springarom represents inactivated dried yeasts obtained by drum-drying of *Saccharomyces Cerevisiae*, primary grown on a molasses based media.

### 1.2 COMPANY IDENTIFICATION

Supplier: BIOSPRINGER (LESAFFRE GROUP)  
Address: 103 Rue Jean Jaurès  
94704 MAISONS-ALFORT CEDEX - FRANCE  
Phone: + 33 (0)1 49 77 18 45 / 18 46  
Fax: + 33 (0)1 49 77 03 58

## 2 COMPOSITION: Springarom is a natural ingredient containing:

- Proteins, peptides and amino-acids,
- Carbohydrates,
- Minerals,
- Lipids.

## 3 HAZARD IDENTIFICATION

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.

## 4 FIRST AID

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 contact: Remove from exposure. If illness or adverse symptoms develop, seek medical attention.  
Ingestion contact: In case of ingestion of large quantities, get medical assistance.

## 5 MEASURES TO FIGHT AGAINST FIRE

Suitable extinction medium: Water, dry chemical, foam or CO<sub>2</sub>.  
Contra-indicated extinction means: None.  
Particular risks: None.

## 6 STEPS TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSION

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 simply washing in water.  
Avoid high pressure rinsing.

## **7 MANIPULATION AND STORAGE**

### **7.1 Manipulation**

Ensure adequate air extraction in order to prevent from dust inhalation.

### **7.2 Storage**

Store in a dry and cool place in its original packaging.

Springarom can pick up flavours from the products stored in the same area.

## **8 EXPOSURE CONTROL / INDIVIDUAL PROTECTION**

Respiratory protection:	Safety mask to prevent from dust inhalation.
Ventilation:	Use adequate ventilation.
Hand protection:	Water proof gloves.
Eye protection:	Protective goggles.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Highly hygroscopic powder or flakes
Colour:	Light beige
Odour:	Typical of yeast
pH (10% solution):	4.5-7.2 ( <i>may vary according to grades</i> )
Breakdown temperature:	> 100°C
Self-ignition temperature:	> 250°C
Danger of explosion:	<b>DUST explosion</b>
Density:	0.3-0.6

## **10 STABILITY AND REACTIVITY**

Springarom has bacteriological stability when kept in its original packaging, stored in a cool and dry place protected from direct sun-light.

Conditions to be avoided:	Prevent dust dispersion (explosion risk)
Matters to be avoided:	N/A
Hazardous breakdown products:	N/A

## **11 TOXICOLOGICAL INFORMATION**

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

## **12 ECOLOGICAL INFORMATION**

Dried food yeasts are highly biodegradable.

## **13 CONSIDERATIONS RELATIVE TO ELIMINATION**

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

## **14 TRANSPORT**

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

## **15 INFORMATION ON THE REGULATIONS**

Springarom is not classified under Directives 67/548/CEE and 1999/45/CE.

## **16 OTHER INFORMATION**

For industrial use only.

*Fermentis believes the information contained herein is accurate.  
No guarantee or warranty of any kind is made with respect to this information.*