



CHALLENGE Range

MATERIAL SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Substance

Chemical Name
 Commercial Names and Synonyms Challenge Range, yeasts
 Chemical Abstract Nomenclature

Uses Fermentation

Company Tel. +39-0321-790-300 (please see bottom of the page)

Emergency service Niguarda Hospital tel. +39-02-6610-1029

2 - COMPOSITION / INFORMATION ON INGREDIENTS

- **General description of the components, relative concentrations and risks**

Chemical name	N° CAS	N°EINECS	Conc/Range %	Classification	
				Symbols	R phrases

The product does not contain any other products and/or impurities that influence the product classification.

3 – HAZARDS IDENTIFICATION

Not dangerous classified substance according to official current regulations.

Health risks None

Environmental risks None

Physical and chemical hazards CO formation from combustion
 Fire and explosion

4 – FIRST AID MEASURES

Inhalation N.f.

Skin contact Rinse with water

Eyes contact Wash with warm water

Ingestion N.f.

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5 – FIRE-FIGHTING MEASURES

Advised extinguishing agents	N.f.
Extinguishing agents to be avoided	N.f.
Dangers caused by combustion matters	CO formation
Protection measures in case of intervention	N.f.
Additional information	

6 – ACCIDENTAL RELEASES MEASURES

Collection and disposal methods	Warm and sanitizing water, in order to prevent mould formation in presence of residual matter
Personal-related safety precautions	None
Environmental protection	None

7 – HANDLING AND STORAGE

Handling	See Section 8
Storage	Store in a dry and cool place, if possible in refrigerators at controlled temperature and humidity. Keep safe from heat

8 – PERSONAL PROTECTION / EXPOSURE CONTROL

Respiratory protection	None
Skin protection	None
Hand protection	None
Eyes protection	None
Exposure limits	

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9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	physical state colour smell	Thread sticks Dark cream to light cream Typical of yeast
Melting point		
Boiling point		
Density		
Solubility in water		Partial
Flash point		> 200 °C
Inflammability limits (vol % in air)		
Autoignition temperature		
pH		7+/-1 in suspension at 300g/l at 20 °C
Coefficient of division n-octanol/water		

10 – STABILITY AND REACTIVITY

Conditions to be avoided	None
Products to be avoided	None
Hazardous decomposition products	Water and carbon dioxide from combustion

11 – TOXICOLOGICAL INFORMATION

Penetration ways	Inhalation unlikely event Ingestion unlikely event Contact no Unknown
Acute toxicity	
Inhalation consequences	
Ingestion consequences	
Skin local effects	
Eyes local effects	
Additional information	Absolutely non-toxic product

12 – ECOLOGICAL INFORMATION

Biodegradable product.

13 – DISPOSAL CONSIDERATIONS

Product	Total biodegradability. Disposal or incineration shall be carried out according to the current regulations
Contaminated packages	Contaminated containers shall be treated like the product. Non-contaminated containers can be used for internal or recycling waste

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14 – TRANSPORT INFORMATION

Product non subject to ADR/RID, IMO and IATA regulations, related to road, sea and airway transport of dangerous goods.

15 – REGULATORY INFORMATION

EC labelling	[]	Required by the law
	[]	Temporary
	[X]	Not required

Classification

16 – OTHER INFORMATION

Hazard symbol

Risk phrases

Safety phrases

This material safety data sheet has been issued in accordance with 2001/58/CE.

Before starting the use of this product for any new process or experiment, it must be carried out a deep study on the safety and the compatibility of the product itself with materials it could come in contact with.

The information contained in this safety data sheet is given to protect health and safety at work. No responsibility is taken for possible damages arising from uses of this information for different purposes from the ones here indicated.

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