

## **SECTION 1. Identification of the substance/mixture and of the company/enterprise**

### **1.1. Product identifier**

Product name : FERMOL TEQ90  
Product code: refer to sales department

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

Yeast  
Sectors of use:  
Manufacture of food products[SU4]  
Product category:  
Process aid, oenological use and for distillation purposes

Not recommended uses  
Do not use for purposes other than those listed

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

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#### **1.4. Emergency telephone number**

AEB SpA

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## **SECTION 2. Hazards identification**

### **2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Pictograms:

None

Hazard Class and Category Code(s):

Non hazardous

Hazard statement Code(s):

Non hazardous

### **2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

None

Hazard statement Code(s):

Non hazardous

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

None in particular.

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Ingredients: Active dry yeast (ADY) *Saccharomyces cerevisiae* (number of revivable cells  $>10^{10}$  CFU/g).  
Emulsifier: sorbitan monostearate (E491).  
Food use, oenological use and for distillation purposes . Not intended for the final consumer. In accordance with current regulations on the specific matter.

### **2.3. Other hazards**

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

This document is outside the scope of Article 31 of REACH

## **SECTION 3. Composition/information on ingredients**

### **3.1 Substances**

Irrilevant

### **3.2 Mixtures**

No dangerous substance to report.

## **SECTION 4. First aid measures**

### **4.1. Description of first aid measures**

Inhalation:

Ventilate the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not dangerous. In case of malaise consult a doctor.

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

Contact with eyes may cause irritation, including redness and tearing due to mechanical effect.

The product is not irritating to the skin; however, repeated and prolonged direct contact may decrease and irritate the skin, causing dermatitis in some cases.

The inhaled product may cause irritation to the respiratory tract due to repeated exposure.

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

Nothing in particular.  
If you feel unwell, go to an emergency room with this document.  
Symptomatic treatment

## **SECTION 5. Firefighting measures**

### **5.1. Extinguishing media**

Suggested extinguishing media:  
Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing media to avoid:  
Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

### **5.3. Advice for firefighters**

Use protection for the breathing apparatus  
Safety helmet and full protective clothing.  
The water spray can be used to protect the people involved in the extinction.  
You may also use self-contained breathing apparatus, especially when working in confined and poorly ventilated areas.  
Keep containers cool with water spray

## **SECTION 6. Accidental release measures**

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

6.1.1 For non-emergency personnel:  
Move away from area surrounding spill or release. Do not smoke. Wear protective clothing

6.1.2 For emergency responders:  
Wear protective clothing. Eliminate all naked flames and possible sources of ignition. Do not smoke. Ensure adequate ventilation. Evacuate the danger area and, if necessary, consult an expert.

### **6.2. Environmental precautions**

Contain spills  
Inform the competent authorities.  
Dispose of the waste material in compliance with the regulations

### **6.3. Methods and material for containment and cleaning up**

6.3.1 Containment:  
Recover the product for reuse, if possible, or for elimination.

6.3.2 Cleaning up:

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After wiping up, wash with water the area and materials involved

6.3.3 Other information:  
None in particular.

#### **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

## **SECTION 7. Handling and storage**

### **7.1. Precautions for safe handling**

At work do not eat or drink.  
See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabelled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool and dry place, away from heat sources and direct exposure to sunlight.

### **7.3. Specific end use(s)**

Manufacture of food products:  
Handle with care. Store in a clean, dry and ventilated place, away from heat sources and direct sunlight, preferably below 20°C.  
Keep container tightly closed.  
Batch number (BN) and best before (EXP): See packaging

## **SECTION 8. Exposure controls/personal protection**

### **8.1. Control parameters**

No data available.

### **8.2. Exposure controls**

Appropriate engineering controls:  
Manufacture of food products:  
No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

8.2.2 Individual protection measures:

(a) Eye / face protection  
Not needed for normal use, unless otherwise provided by the employer and / or by assessments of environmental hygiene investigations

(b) Skin protection

(i) Hand protection

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Not needed for normal use, unless otherwise provided by the employer and / or by assessments of environmental hygiene investigations

(ii) Other  
Wear normal work clothing.

(c) Respiratory protection  
Not needed for normal use, unless otherwise provided by the employer and / or by assessments of environmental hygiene investigations

(d) Thermal hazards  
No hazard to report

Environmental exposure controls:  
Use according to good working practices and avoid to disperse the product into the environment.

## SECTION 9. Physical and chemical properties

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

| Physical and chemical properties                         | Value   | Determination method |
|--|---|----------------------|
| Physical state   | Granules  |                      |
| Colour   | Beige   |                      |
| Odour  | not determined as considered not relevant for the characterization of the product |                      |
| Odour threshold  | not determined as considered not relevant for the characterization of the product |                      |
| Melting point/freezing point                             | not determined as considered not relevant for the characterization of the product |                      |
| Boiling point or initial boiling point and boiling range | not determined as considered not relevant for the characterization of the product |                      |
| Flammability   | not determined as considered not relevant for the characterization of the product |                      |
| Lower and upper explosion limit                          | not determined as considered not relevant for the characterization of the product |                      |
| Flash point  | not determined as considered not relevant for the characterization of the product | ASTM D92             |
| Auto-ignition temperature                                | not determined as considered not relevant for the characterization of the product |                      |
| Decomposition temperature                                | not determined as considered not relevant for the characterization of the product |                      |
| pH   | 5,0 ± 1,0 (20°C; sol. 5%)   |                      |
| Kinematic viscosity                                      | not determined as considered not relevant for the characterization of the product |                      |
| Solubility   | Insoluble in organic solvents   |                      |
| Water solubility   | Soluble   |                      |
| Partition coefficient n-octanol/water (log value)        | not determined as considered not relevant for the characterization of the product |                      |
| Vapour pressure  | not determined as considered not relevant for the characterization of the product |                      |
| Density and/or relative density                          | not determined as considered not relevant for the characterization of the product |                      |

| <b>Physical and chemical properties</b> | <b>Value</b>  | <b>Determination method</b> |
|---|---|-----------------------------|
| Relative vapour density                 | not determined as considered not relevant for the characterization of the product |                             |
| Particle characteristics                | not determined as considered not relevant for the characterization of the product |                             |

## 9.2. Other information

### 9.2.1 Information with regard to physical hazard classes

Irrilevant

### 9.2.2 Other safety characteristics

Irrilevant

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Free flames, sparks, sources of ignition.

### 10.5. Incompatible materials

Nothing in particular

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### **10.6. Hazardous decomposition products**

CO, CO<sub>2</sub>, SO<sub>2</sub> and nitrogen oxides may form during combustion.

## **SECTION 11. Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- (a) acute toxicity: based on available data, the classification criteria are not met.  
ATE(mix) oral = Not classified (no relevant components)  
ATE(mix) dermal = Not classified (no relevant components)  
ATE(mix) inhal = Not classified (no relevant components)
- (b) skin corrosion/irritation: based on available data, the classification criteria are not met.
- (c) serious eye damage/irritation: based on available data, the classification criteria are not met.
- (d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met.
- (f) carcinogenicity: based on available data, the classification criteria are not met.
- (g) reproductive toxicity: based on available data, the classification criteria are not met.
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.
- (j) aspiration hazard: based on available data, the classification criteria are not met.

### **11.2. Information on other hazards**

No data available.

#### **11.2.1. Endocrine disrupting properties**

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

## **SECTION 12. Ecological information**

### **12.1. Toxicity**

Use according to good working practices and avoid to disperse the product into the environment.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

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### **12.5. Results of PBT and vPvB assessment**

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

### **12.6. Endocrine disrupting properties**

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

### **12.7. Other adverse effects**

No adverse effects

## **SECTION 13. Disposal considerations**

### **13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.  
Recover if possible. Operate according to local or national regulations

## **SECTION 14. Transport information**

### **14.1. UN number or ID number**

Not included in the field of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### **14.2. UN proper shipping name**

None

### **14.3. Transport hazard class(es)**

None

### **14.4. Packing group**

None

### **14.5. Environmental hazards**

None

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#### **14.6. Special precautions for user**

No data available.

#### **14.7. Maritime transport in bulk according to IMO instruments**

Transport in bulk is not foreseen

### **SECTION 15. Regulatory information**

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

Restrictions relating to the product or the substances contained (Annex XVII EC Reg. 1907/2006): not applicable  
Substances in Candidate list (art. 59 EC Reg. 1907/2006): the product does not contain SVHC in percentage = a 0.1 %.

Regulation (EU) 1169/2011: see point 2.2

Regulation (EU) 1308/2013; see point 2.2

Regulation (EC) 1333/2008; see point 2.2

#### **15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

### **SECTION 16. Other information**

#### **16.1. Other information**

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

No hazard to report. Classification procedure: Calculation method

Main normative references:

Reg. (CE) n. 1907 del 18/12/06 REACH (Registration, Evaluation and Authorisation of CHemicals) et seq.

Reg. (CE) 1272/2008 CLP (Classification Labelling and Packaging) et seq.

Directive 2012/18/EU (on the control of major-accident hazards involving dangerous substances) et seq.

Training required: This document must be submitted to the employer to determine the possible need for appropriate training for workers to ensure protection of human health and the environment.

n.a.: not applicable

n.d.: not available

ADR: Accord européen relative au transport International des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ATE: Acute Toxicity Estimati

BFC: BioconCentration Factor

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstract Service number

CAP: Centre AntiPoison

CE/EC number EINECS (European Inventory of existing Commercial Substances) e ELINCS (European List of notified Chemical Substances)

CL50/LC50: Lethal Concentration 50

DL50/LD50: Lethal Dose 50

COD: Chemical Oxygen Demand

DNEL: Derived No Effect Level

EC50: half maximal Effective Concentration

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ERC: Environment Release Classes  
EU/UE: European Union  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Dangerous Goods code  
Kow: Octanol water partition coefficient  
NOEC: No Observed Effect Concentration  
OEL: Occupational Exposure Limit  
PBT: Persistent Bioaccumulative and Toxic  
PC: Product Categories  
PNEC: Predicted No Effect Concentration  
PROC: Process Categories  
RID: Règlement concernant le transport International ferroviaire des marchandises dangereuses (Regulations concerning International rail transport of dangerous goods)  
STOT: Target Organ Systemic Toxicity  
STOT (RE): Repeated Exposure  
STOT (SE): Single Exposure  
STP: Sewage Treatment Plants  
SU: Sector of Use  
SVCH: Substance of Very High Concern  
TLV: Threshold Limit Value  
vPvB: Very Persistent Very Bioaccumulative

References and Sources:

- ECHA Registered Substances:  
<https://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- SDS raw material supplier
- GESTIS International Limit Value: <http://limitvalue.ifa.dguv.de>

This msds was made in good faith by technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

Changes to the previous edition: first issue

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