



SAFETY MATERIAL DATA SHEET

TURVAL B0399

(code TVB)

01. Chemical product and company information

Product name	TURVAL B0399 (cod TVB)
Product identifier	Dried Lactic Yeast (<i>Kluyveromyces m/f B0399</i>)
Manufacturer' s name	Turval Laboratories, Ltd Scientific and Technologic Park of Udine via Linussio, 51 33100 Udine
Phone/Fax	+39 0432 629731 / +39 0432 603887
Emergency telephone	Centro Antiveleni – Istituto per l'infanzia IRCCS - Trieste Tel. 040/3785373-333 Centro Antiveleni – Ospedale santa Maria degli Angeli, Centro Rianimazione - Pordenone - Tel. 0434/399335-698

02. Composition/ Information on ingredients

Hazardous ingredients	none
Ingredients' information	<i>Kluyveromyces m/f B0399 culture dehydrated</i>

Limit (s) of Exposure of Workers. If available, are listed in section 8.

03. Hazards indentifications

Health risks	the available data do not indicate any unfavorable health risk
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04. First aid measures

Effects and symptoms	the available data do not reveal any immediate risk to human health. may cause slight irritation of the mucous membrane of the eyes and the skin in those subject particularly sensitive or susceptible.
Inhalation	move the subject away from the environmet of exposure; in case of allergic reaction, consult physician.
Ingestion	slight irritation of the mouth and throat. Rinse carefully mouth and throat with fresh water; in case of allergic reaction, consult physician.
Skin contact	may cause a slight irritation in particularly sensitive subjects. In case of contact rinse with soap and water, consult physician
Eye contact	may cause a slight irritation in particularly sensitive subjects. In case of contact rinse with water, consult physician

05. Fire fighting measures

Flammable	the yeast itself is not flammable and explosive; finely dispersed particles can be explosive
Means of extinction	appropriate: water, carbon dioxide, foam, dry powder

Protection of workers to extinguish the fire
Hazardous combustion product

respiratory protection. Keep away all persons who are not strictly indispensable. Use masks in case of close intervention in closed area
none

06. Accidental release measures

Leak and spill procedures

pick up mechanically, wash the remainder with plenty of water

07. Handling and storage

Handling procedures and equipment
Storage requirements

avoid generation of dust
can be compacted under high pressure, store in a cool and dry place away from moisture and heat sources.

Environmental precautions

avoid generation of dust, if the product had contaminated surface water, inform the competent authorities

08. Exposure control / Personal protection

Exposure limits
Specific engineering controls
Personal protective equipment

there are no known exposure limits
ventilated area, no specific request
protective equipment is not required if good ventilation; therefore the use of simple masks, latex or rubber gloves, appropriate glasses, head protection and suitable protective clothing is recommended.

09. Physical and chemical properties

Physical state
Odour and appearance
Solubility in water
Other properties

powder
characteristic
partially soluble
more detailed information on the chemical and physical properties can be obtained from the supplier

10. Stability and reactivity

Chemical stability
Materials to avoid
Risk of deterioration of the product
Risks of polymerization
Other informations

stable, it could be stored for long time in a cool and dry place
oxidizing agents
decomposition by heating can produce CO
not possible
more detailed information on the chemical and physical properties can be obtained from the supplier

11. Toxicological information

Effects of acute exposure
Effects of chronic exposure
Other informations

none
none
on the basis of information available, the product does not pose a risk to health

12. Ecological information

Persistence/degradability the substance is readily biodegradable

13. Disposal considerations

Control methods provisions in accordance with local legislation
Waste disposal dissolution in water
Contaminated packaging rinse with plenty of water

14. Transport information

Special shipping information none
National transport regulations additional national regulations for suppliers are not known

15. Regulatory information

Classification of the European Community (67/548/EEC-88/379/EEC) in accordance with the EC rules this product is not hazardous
National regulation additional national regulations for suppliers are not known

16. Other informations

This information is based on the knowledge available today.

More detailed information on the physical and chemical properties can be obtained from the supplier.

The information provided herein is accurate and complete according to our best knowledge.

However, nothing contained in this data constitutes insurance or guarantees and does not motivate legally valid contractual relationship.

This MSDS cancels and replaces any preceding release

MSDS prepared by: Laboratori Turval Italia Srl

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