

BEER ACTIVE DRY YEASTS

Safety data sheet SDS001EN

1. PRODUCT AND COMPANY IDENTIFICATION

Type of product	Active dry yeasts
Trading name	SafAle™ K-97 SafBrew™ LA-01 SafAle™ S-04 SafAle™ BE-134 SafAle™ T-58 SafAle US-05™ SafAle™ F-2 SafLager™ S-23 SafAle™ S-33 SafLager™ W-34/70 SafAle™ BE-256 SafLager™ B-189 SafAle™ WB-06
Product identifier	Live yeast, as a microorganism, is not subject to REACH registration requirement
Use of the product	Beer...
Supplier	Fermentis
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2. HAZARDS IDENTIFICATION

Classification

The product is not classified as hazardous according to Regulation (EC) n°1272/2008.
No specific hazard under normal conditions of use.

Label elements

Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Yeasts are not classified as hazardous according to Regulation (EC) n°1272/2008, consequently no components are disclosed in this section.

4. FIRST AID MEASURES

4.1 FIRST AID MESURES

Skin contact	Contact with skin is not dangerous to our knowledge.
In case of eye contact	Rinse immediately with plenty of water. Consult a specialist if an irritation occurs.
In case of inhalation	Transport the victim outside and maintain her at rest.
In case of ingestion	Do not induce vomiting under any circumstances. If ingested in large quantities, consult a doctor.
Most important symptoms and effects, both acute and delayed	None, to our actual knowledge, in normal use.

4.2 PRINCIPAL SYMPTOMS & EFFECT ACUTE AND DELAYED

Inhalation	Respiratory irritation is probable.
Skin contact	Irritation is probable.
Eye contact	Irritation is probable.

5. FIRE-FIGHTING MEASURES

Extinguishing media	All extinguishing media can be used.
Special hazards arising	Do not inhale the gas produced by the explosion or combustion
Advice for fire-fighters	Do not attempt to fight the fire without suitable protective equipment : wear suitable breathing apparatus and complete protective clothing.

6. ACCIDENTAL RELEASE MEASURES	
Environmental precautions	Dike to contain the spilled material. Do not discharge into the environment.
Methods and material for containment and cleaning up	<u>Recovery</u> Sweep up or vacuum up the product. <u>Disposal</u> Dispose of at a licensed waste collection point.
Reference to other sections	For further information see section 13.
7. HANDLING AND STORAGE	
Precautions for safe handling	Do not breathe dust
Conditions for safe storage, including any incompatibilities	<u>Storage conditions recommended</u> Store in a cool and dry place. <u>Packaging materials recommended</u> Keep in the original packaging.
8. EXPOSURE CONTROL /PERSONAL PROTECTION	
Respiratory Protection	Safety mask to prevent from dust inhalation.
Ventilation	Used adequate ventilation
Hand protection	Water proof gloves.
Eye protection	Protective goggles.
Occupational exposure limits	Not applicable
Exposure controls	No specific measures other than general rules of safety and industrial hygiene.
9. PHYSICAL AND CHEMICAL PROTECTION	
Physical state	Vermicelli
Colour	Beige to light brown
Olfactory limit	Not applicable
Specific temperature	Boiling : not applicable
Flammability characteristics	Flash point : not applicable Auto-ignition temperature : > 195°C
Oxidizing properties	Non oxidizing material according to EC criteria
Lower explosive limit	60 g/m ³
Vapor pressure	Not applicable
Vapor density (air = 1)	Not applicable
Relative density (water = 1)	0.55 - 0.95
Solubility	In water : soluble In organic solvents : insoluble
10. STABILITY AND REACTIVITY	
Reactivity	To our knowledge, the product does not present any particular risk.
Stability	Stable at ambient temperature and under normal conditions of use.
Conditions to avoid	Sparks, open flames, ignition source.
Incompatible materials	None, to our knowledge.
Hazardous decomposition products	On combustion or on thermal decomposition (pyrolysis), may form : carbon oxides (CO, CO ₂), sulfur oxides (SO ₂) Nitrogen oxides (Nox).
11. TOXICOLOGICAL INFORMATION	
To our knowledge, no specific toxicological risk when handled in accordance with good occupational hygiene and safety practice.	

12. ECOLOGICAL INFORMATION	
To our knowledge, no specific risk to aquatic organisms. Easily biodegradable	
13. WASTE DISPOSAL CONSIDERATION	
Waste treatment method	Waste product residues should not be disposed of in superficial waters but processed in a suitable treatment plant complying with the requirements of environmental protection, waste disposal legislation and any local regulations.
14. TRANSPORT INFORMATION	
Road transport (RID/ADR)	Not restricted
Riverway (ADN)	
Waterway (IMDG)	
Airway (ICAO / IATA)	
15. REGULATORY INFORMATION	
Compliant with relevant European food regulations. Chemical safety assessment : not applicable	
16. OTHER INFORMATION	
<p><u>Glossary</u></p> <p>ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road CAS : Chemical Abstracts Service CLP : Classification, Labelling, Packaging IATA : International Air Tran' IMDG : International Maritime Code for Dangerous Goods RID : Regulation concerning the International Transport of Dangerous Goods by Rail</p> <p><i>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.</i></p> <p><i>The information provided in this Safety Data Sheet is additional to the technical leaflets but does not replace them.</i></p> <p><i>This Safety Data Sheet only constitutes a guidance for safe handling, use, process, storage, transport, consumption and disposal of the product. It is not to be construed as a warranty or quality specification of the product.</i></p> <p><i>The attention of the user is drawn to the possible risks and hazards incurred when a product is used for purposes other than those for which it is designed in this Safety Data Sheet : it is the responsibility of the user to assess the applicability of the information and recommendations provided in this Safety Data Sheet and its suitability for its own activities, purposes and products.</i></p> <p><i>Fermentis shall not be held liable for any use of the product which is not consistent with the information provided word for word in this Safety Data Sheet.</i></p> <p><i>Compliance with the instructions in this Safety Data Sheet does not release the user from ensuring he is in conformity with all regulations and recommendations linked to its own products and activities.</i></p> <p><i>The information provided in this Safety Data Sheet is subject to copyright and property rights. This information presented in this Safety Data Sheet shall not be reproduced and this Safety Data Sheet shall not be distributed, in any form, or by any means, without prior authorization in writing by Fermentis, unless legally required to do so by judicial or governmental order or proceeding. In this event, the user shall immediately notify Fermentis.</i></p>	