Safety Data Sheet

according to 1907/2006/EC, Article 31

foodproof® Spoilage LyoKits

Version 1.2 Date of Revision: 25.09.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· Trade name: **food**proof® **Spoilage LyoKits**

· Product code(s):

KIT230071 **food**proof® Beer Screening 1 LyoKit - LP (Ref. R 602 02-1)
KIT230072 **food**proof® Beer Screening 1 LyoKit - RP (Ref. R 602 02-2)
KIT230073 **food**proof® Beer Screening 1 LyoKit - DP (Ref. R 602 02-3)
KIT230074 **food**proof® Beer Screening 2 LyoKit - LP (Ref. R 602 06-1)
KIT230075 **food**proof® Beer Screening 2 LyoKit - RP (Ref. R 602 06-2)
KIT230076 **food**proof® Beer Screening 2 LyoKit - DP (Ref. R 602 06-3)
KIT230112 **food**proof® Yeast and Mold Quantification LyoKit - LP (Ref. R 602 42-1)
KIT230113 **food**proof® Yeast and Mold Quantification LyoKit - RP (Ref. R 602 42-2)
KIT230114 **food**proof® Yeast and Mold Quantification LyoKit - DP (Ref. R 602 42-3)
KIT230121 **food**proof® Spoilage Yeast Detection 1 LyoKit - LP (Ref. R 602 47-1)
KIT230122 **food**proof® Spoilage Yeast Detection 1 LyoKit - RP (Ref. R 602 47-2)
KIT230123 **food**proof® Spoilage Yeast Detection 1 LyoKit - DP (Ref. R 602 47-3)
KIT230124 **food**proof® Spoilage Yeast Detection 2 LyoKit - LP (Ref. R 602 48-1)
KIT230125 **food**proof® Spoilage Yeast Detection 2 LyoKit - RP (Ref. R 602 48-2)
KIT230126 **food**proof® Spoilage Yeast Detection 2 LyoKit - DP (Ref. R 602 48-3)
KIT230140 **food**proof® Spoilage Yeast Detection 3 LyoKit - LP (Ref. R 602 69-1)
KIT230141 **food**proof® Spoilage Yeast Detection 3 LyoKit - RP (Ref. R 602 69-2)
KIT230142 **food**proof® Spoilage Yeast Detection 3 LyoKit - DP (Ref. R 602 69-3)
KIT230151 **food**proof® Alicyclobacillus Detection LyoKit - LP (Ref. F 602 28-1)
KIT230152 **food**proof® Alicyclobacillus Detection LyoKit - RP (Ref. F 602 28-2)
KIT230153 **food**proof® Alicyclobacillus Detection LyoKit - DP (Ref. F 602 28-3)

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

· Application of the substance / the mixture

PCR-Kit for the detection of certain DNA. Target DNA as specified on separate enclosure.

· 1.3 Details of the supplier of the safety data sheet

Hygiena Diagnostics GmbH
Hermannswerder 17
14473 Potsdam
Phone: +49 (0) 331-23 00 200
Fax: +49 (0) 331-23 00 299
www.hygiena.com

· 1.4 Emergency telephone number:

Phone: +49 (0) 331-23 00 200
Office hours 09:30 - 16:00

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

· 2.2 Label elements

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

None
Hazard pictograms None
Signal word None
Hazard statements None

· **2.3 Other hazards**
· Results of PBT and vPvB assessment
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· Determination of endocrine-disrupting properties
The product does not contain substances with endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
Description: PCR-Kit for the detection of certain DNA. Target DNA as specified on separate enclosure.
Dangerous components: Void

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· General information
Remove contaminated clothing immediately. No special measures required.
· After inhalation
Supply fresh air; consult doctor in case of symptoms.
· After skin contact
Wash with water and soap. If skin irritation continues, consult a doctor.
· After eye contact
Rinse opened eye for several minutes under running water.
If symptoms persist, seek medical advice.
· After swallowing
In case of persistent symptoms, consult a doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· Suitable extinguishing agents
Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.

· **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.

· **5.3 Advice for firefighters**
· Protective equipment:
Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Observe information for safe handling (Section 7) and personal protective equipment (Section 8).

· **6.2 Environmental precautions:**
Dilute with much water.
Do not allow to enter drainage system, surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**
Place in special collection or disposal containers. Dispose of waste or contaminated materials according to local and national regulations (see Section 13).

· **6.4 Reference to other sections**
See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Store in cool, dry place in tightly closed containers. Keep away from heat and direct sunlight.
Avoid contact with eyes and skin.

· Information about protection against explosions and fires:
No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· **Storage**
· Requirements to be met by storerooms and containers:
Store only in the original container. Prevent any penetration into the ground.
· Information about storage in one common storage facility:
Keep away from strong oxidizing, alkalis and acidic materials.
· Further information about storage conditions:
Protect from the effects of light.

· 7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· Additional information:
The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls

· Personal protective equipment
· General protective and hygienic measures
Wash hands during breaks and at the end of the work.
· Breathing equipment:
Not required when used as intended.
· Protection of hands:
Protective gloves are recommended at frequent and/or long-term skin contact with the product.
To avoid skin problems, reduce the wearing of gloves to the required minimum.
· Material of gloves
The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
· Penetration time of glove material
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· Eye protection:
Safety glasses recommended if the possibility of liquid splashes exists.
· Body protection:
Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Physical state	solid
Odor	odorless
Odor threshold	not determined

pH (value)	not determined
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not applicable
Inflammability (solid, gaseous)	not determined
Decomposition temperature	not determined
Self-inflammability	Product is not selfigniting.
Explosive properties	Product is not explosive.
Critical values for explosion Lower Upper	 not determined not determined
Vapor pressure	not applicable
Density	not determined
Vapor density	not applicable
Evaporation rate	not applicable
Solubility in / Miscibility with Water	 soluble
Partition coefficient: n-octanol/water	not determined
Viscosity (dynamic, kinematic)	not determined
Solvent content Organic solvents	0.0 %

· **9.2 Other information**
· No further relevant information available.
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SECTION 10: Stability and reactivity

· **10.1 Reactivity**
· No further relevant information available.

· **10.2 Chemical stability**
· Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions**
No dangerous reactions known.

· **10.4 Conditions to avoid**
No further relevant information available.

· **10.5 Incompatible materials:**
No further relevant information available.

· **10.6 Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· Acute toxicity
Based on available data, the classification criteria are not met.
· Skin corrosion/irritation
Based on available data, the classification criteria are not met.

· Serious eye damage/irritation
Based on available data, the classification criteria are not met.
· Respiratory or skin sensitisation
Based on available data, the classification criteria are not met.
· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
· Germ cell mutagenicity
Based on available data, the classification criteria are not met.
· Carcinogenicity
Based on available data, the classification criteria are not met.
· Reproductive toxicity
Based on available data, the classification criteria are not met.
· STOT-single exposure
Based on available data, the classification criteria are not met.
· STOT-repeated exposure
Based on available data, the classification criteria are not met.
· Aspiration hazard
Based on available data, the classification criteria are not met.

· 11.2 Information on other hazards
· Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity
· Aquatic toxicity:
No further relevant information available.

· 12.2 Persistence and degradability
No further relevant information available.

· 12.3 Bioaccumulative potential
No further relevant information available.

· 12.4 Mobility in soil
No further relevant information available.

· 12.5 Results of PBT and vPvB assessment
· **PBT**: Not applicable.
· **vPvB**: Not applicable.

· 12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.

· 12.7 Other adverse effects
· Additional ecological information:
· General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods
· Recommendation
Can be burnt with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

· Uncleaned packagings:
· Recommendation:
Dispose of packaging according to regulations on the disposal of packages. Non contaminated packages can be used for recycling.
Packages that cannot be cleaned are to be disposed of in the same manner as the product.

· Recommended cleaning agent:
Water, if necessary with cleaning agent.

SECTION 14: Transport information

· **14.1 UN-Number**
· **ADR, ADN, IMDG, IATA** Not applicable

· **14.2 UN proper shipping name**
· **ADR, ADN, IMDG, IATA** Not applicable

· **14.3 Transport hazard class(es)**
· **ADR, ADN, IMDG, IATA**
· **Class** Not applicable

· **14.4 Packing group**
· **ADR, IMDG, IATA** Not applicable

· **14.5 Environmental hazards:**
· **Marine pollutant:** No

· **14.6 Special precautions for user**
Not applicable.

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
Not applicable.

· Transport/Additional information:
Not dangerous according to the above specifications.

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
· Directive 2012/18/EU
· **Named dangerous substances - ANNEX I**
None of the ingredients are listed.
· **Substances of very high concern (SVHC) according to REACH, Article 57**
None of the ingredients is contained.

· National regulations
· **Water hazard class**
Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This safety data sheet meets the requirements of Regulation (EU) 1907/2006.

· **Abbreviations and acronyms:**
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

· **Disclaimer**
This information is based upon the present state of our knowledge.