SIHA-, Lalvin-, uvaferm Yeasts

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

1.1. Product identifier
Trade name/designation:
SIHA-, Lalvin-, uvaferm Yeasts

Additional information:
The substance does not require registration according to REACH;

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture:
alcoholic fermentation

1.3. Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor):
Eaton Technologies GmbH
Langenlonsheim Branch
An den Nahewiesen 24
55450 Langenlonsheim
Germany
Telephone: +49 6704 204-0 (Diese Nummer ist nur zu Bürozeiten besetzt.)
Telefax: +49 6704 204-121
E-mail: SDB@Eaton.com
Website: www.eaton.com/filtration

1.4. Emergency telephone number
No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP]:
not determined

Additional information:
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements
No data available

2.3. Other hazards
Adverse physicochemical effects:
On basis of test data. none

Adverse human health effects and symptoms:
Skin contact: May cause irritation on prolonged contact.
Eye contact: May cause eye irritation upon direct contact.
Ingestion: Excessive ingestion of highly concentrated yeast powder could lead to intestinal discomfort (e.g. diarrhea, bloating, cramping, etc.).
Following inhalation:
In some cases, repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitized persons may cause allergic reaction in minutes or delayed, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, tightness and difficulty breathing.

Adverse environmental effects:
On basis of test data. none
SIHA-, Lalvin-, uvaferm Yeasts

SECTION 3: Composition / information on ingredients

3.1. Substances
Description:
Saccharomyces cerevisiae

SECTION 4: First aid measures

4.1. Description of first aid measures
Following inhalation:
Provide fresh air. In case of respiratory tract irritation, consult a physician.
In case of skin contact:
After contact with skin, wash immediately with plenty of water and soap.
IF ON CLOTHING: Wear suitable protective clothing.
After eye contact:
If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.
After ingestion:
Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed
No data available

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
Water, Carbon dioxide (CO2), Foam, Extinguishing powder

Unsuitable extinguishing media:
High power water jet

5.2. Special hazards arising from the substance or mixture
In case of fire may be liberated: Carbon monoxide, Carbon dioxide (CO2)

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

5.4. Additional information
Special danger of slipping by leaking/spilling product.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Personal precautions:
Avoid dust formation. Do not breathe dust.
Use personal protection equipment.

6.1.2. For emergency responders
No data available

6.2. Environmental precautions
Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up
For cleaning up:
Avoid dust formation. Take up mechanically. Wash with plenty of water. Ventilate affected area.
SIHA-, Lalvin-, uvaferm Yeasts

6.4. Reference to other sections
No data available

6.5. Additional information
Special danger of slipping by leaking/spilling product.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Protective measures
Advises on safe handling:
Avoid dust formation. Use only in well-ventilated areas.
Inhalation of dust may cause irritation of the respiratory system.
Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels:
Keep container tightly closed in a cool, well-ventilated place. Keep container dry.

7.3. Specific end use(s)
No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No data available

8.2. Exposure controls
8.2.1. Appropriate engineering controls
No special technical protective measures are necessary.

8.2.2. Personal protection equipment
Eye/face protection:
Eye glasses

Skin protection:
Hand protection is not required

Respiratory protection:
Respiratory protection necessary at: insufficient ventilation
Suitable respiratory protection apparatus: Filtering device (DIN EN 147) P 2

Other protection measures:
Protective clothing: Wear personal protection equipment.
General health and safety measures: When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

8.2.3. Environmental exposure controls
No data available

8.3. Additional information
No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Appearance
Physical state: Powder
Odour: characteristic
Colour: beige - brown
SIHA-, Lalvin-, uvaferm Yeasts

Safety relevant basis data

<table>
<thead>
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<th>parameter</th>
<th>at °C</th>
<th>method</th>
<th>Remark</th>
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<tr>
<td>pH</td>
<td>5 – 5.5</td>
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<td>Melting point/freezing point</td>
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<tr>
<td>Freezing point</td>
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<td>Initial boiling point and boiling range</td>
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<td>Decomposition temperature (°C):</td>
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<tr>
<td>Flash point</td>
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<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Evaporation point</td>
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<tr>
<td>Ignition temperature in °C</td>
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<td>Upper/lower flammability or explosive limits</td>
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<td>Vapour pressure</td>
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<td>Vapour density</td>
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<tr>
<td>Density</td>
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<td>Bulk density</td>
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<td>Partition coefficient: n-octanol/water</td>
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<tr>
<td>Kinematic viscosity</td>
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9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Substance is, under normal conditions, chemically stable.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep away from heat. Protect against: Humidity
Moisture and high temperatures are detrimental to microbial concentration of product.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:
Toxicological data are not available.

Acute dermal toxicity:
Toxicological data are not available.

Acute inhalation toxicity:
Toxicological data are not available.
SIHA-, Lalvin-, uvaferm Yeasts

Skin corrosion/irritation:
Skin contact: May cause irritation on prolonged contact.
Eye contact: May cause eye irritation upon direct contact.
Ingestion: Excessive ingestion of highly concentrated yeast powder could lead to intestinal discomfort (e.g. diarrhea, bloating, cramping, etc.).

Respiratory or skin sensitisation:
In some cases, repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual. Subsequent chronic or acute exposure in sensitized persons may cause allergic reaction in minutes or delayed, or a mixture of both. Typical symptoms are respiratory irritation, breathlessness, coughing, tightness and difficulty breathing.

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity:
No data available
Terrestrial toxicity:
No data available

12.2. Persistence and degradability
Additional information:
Further ecological information: According to the present state of knowledge negative ecological effects are not expected.

12.3. Bioaccumulative potential
Accumulation / Evaluation:
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
No data available

12.6. Other adverse effects
No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

Waste treatment options
Appropriate disposal / Package:
Non-contaminated packages may be recycled.

13.2. Additional information
No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.
not relevant

14.2. UN proper shipping name
not relevant

14.3. Transport hazard class(es)
not relevant
SIHA-, Lalvin-, uvaferm Yeasts

14.4. Packing group
not relevant

14.5. Environmental hazards
not relevant

14.6. Special precautions for user
not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation
No data available

15.1.2. National regulations
[DE] National regulations
Water hazard class (WGK)
WGK:
nwg - nicht wassergefährdend

15.2. Chemical Safety Assessment
No data available

15.3. Additional information
No data available

SECTION 16: Other information

16.1. Indication of changes
No data available

16.2. Abbreviations and acronyms
No data available

16.3. Key literature references and sources for data
No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
Classification according to Regulation (EC) No 1272/2008 [CLP]:
not determined

16.5. Relevant R-, H- and EUH-phrases (Number and full text)
No data available

16.6. Training advice
No data available

16.7. Additional information
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.