



# Safety Data Sheet

Issue Date: 01-Apr-2021

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Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** OenoYeast Reagent Kit - Count Check Beads - Medium

**Product Code** 05-6001-P03

### Recommended use of the chemical and restrictions on use

**Recommended Use** Laboratory chemicals.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Sysmex Americas  
577 Aptakistic RD  
Lincolnshire, IL 60069 USA

### Emergency telephone number

**Company Phone Number** Phone: (224) 543-9500

**Emergency Telephone** Chemtel 800-255-3924

## 2. HAZARDS IDENTIFICATION

**Appearance** Opaque liquid

**Physical state** Liquid

**Odor** Characteristic

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### Other hazards

Harmful to aquatic life with long lasting effects

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No     | Weight-% |
|---------------|------------|----------|
| Sodium azide  | 26628-22-8 | <0.1     |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

#### 4. FIRST AID MEASURES

##### Description of first aid measures

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin Contact</b>   | Wash off immediately with plenty of water for at least 15 minutes.   |
| <b>Inhalation</b>     | Remove to fresh air.   |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.   |

##### Most important symptoms and effects, both acute and delayed

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | See Section 11: Toxicological Information of this SDS for more detailed symptoms. |
|-----------------|---|

##### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

##### Specific Hazards Arising from the Chemical

Not determined.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

|                             |  |
|-----------------------------|--|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|--|

##### Environmental precautions

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | See Section 12 for additional Ecological Information. |
|----------------------------------|---|

##### Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

|                             |   |
|-----------------------------|---|
| <b>Methods for Clean-Up</b> | Keep in suitable, closed containers for disposal. |
|-----------------------------|---|

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical name              | ACGIH TLV  | OSHA PEL  | NIOSH IDLH  |
|----------------------------|--|---|---|
| Sodium azide<br>26628-22-8 | Ceiling: 0.29 mg/m <sup>3</sup> Sodium azide<br>Ceiling: 0.11 ppm Hydrazoic acid vapor | (vacated) S*<br>(vacated) Ceiling: 0.1 ppm HN3<br>(vacated) Ceiling: 0.3 mg/m <sup>3</sup> NaN3 | Ceiling: 0.1 ppm HN3<br>Ceiling: 0.3 mg/m <sup>3</sup> NaN3 |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |               |                       |                |
|-----------------------|---------------|-----------------------|----------------|
| <b>Physical state</b> | Liquid        | <b>Odor</b>           | Characteristic |
| <b>Appearance</b>     | Opaque liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Opaque        |                       |                |

| <u>Property</u>                               | <u>Values</u>  | <u>Remarks • Method</u> |
|---|----------------|-------------------------|
| <b>pH</b>                                     | Not determined |                         |
| <b>Melting point / freezing point</b>         | Not determined |                         |
| <b>Boiling point / boiling range</b>          | Not determined |                         |
| <b>Flash point</b>                            | Not determined |                         |
| <b>Evaporation Rate</b>                       | Not determined |                         |
| <b>Flammability (Solid, Gas)</b>              | Not determined |                         |
| <b>Flammability Limit in Air</b>              |                |                         |
| <b>Upper flammability or explosive limits</b> | Not determined |                         |
| <b>Lower flammability or explosive limits</b> | Not determined |                         |
| <b>Vapor Pressure</b>                         | Not determined |                         |
| <b>Vapor Density</b>                          | Not determined |                         |
| <b>Relative Density</b>                       | Not determined |                         |

|                                     |                |
|-------------------------------------|----------------|
| <b>Water Solubility</b>             | Not determined |
| <b>Solubility in other solvents</b> | Not determined |
| <b>Partition Coefficient</b>        | Not determined |
| <b>Autoignition temperature</b>     | Not determined |
| <b>Decomposition temperature</b>    | Not determined |
| <b>Kinematic viscosity</b>          | Not determined |
| <b>Dynamic Viscosity</b>            | Not determined |
| <b>Explosive Properties</b>         | Not determined |
| <b>Oxidizing Properties</b>         | Not determined |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                          |
|---------------------|--------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes. |
| <b>Skin Contact</b> | Avoid contact with skin. |
| <b>Inhalation</b>   | Do not inhale.           |
| <b>Ingestion</b>    | Do not ingest.           |

### Component Information

| Chemical name                | Oral LD50                                      | Dermal LD50                              | Inhalation LC50                   |
|------------------------------|--|--|-----------------------------------|
| Sodium Chloride<br>7647-14-5 | = 3 g/kg ( Rat )                               | > 10 g/kg ( Rabbit )                     | > 42 g/m <sup>3</sup> ( Rat ) 1 h |
| Sodium azide<br>26628-22-8   | = 27 mg/kg ( Rat )                             | = 20 mg/kg ( Rabbit ) = 50 mg/kg ( Rat ) | -                                 |
| Polysorbate 20<br>9005-64-5  | = 37000 mg/kg ( Rat ) = 36700<br>µL/kg ( Rat ) | -  | -                                 |

### Symptoms related to the physical, chemical and toxicological characteristics

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Please see section 4 of this SDS for symptoms. |
|-----------------|--|

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**Oral LD50** 27,000.0000 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Component Information**

| Chemical name                | Algae/aquatic plants | Fish   | Crustacea  |
|------------------------------|----------------------|--|--|
| Sodium Chloride<br>7647-14-5 |                      | 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through<br>12946: 96 h Lepomis macrochirus mg/L LC50 static<br>5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through<br>7050: 96 h Pimephales promelas mg/L LC50 semi-static<br>6020 - 7070: 96 h Pimephales promelas mg/L LC50 static<br>6420 - 6700: 96 h Pimephales promelas mg/L LC50 static | 340.7 - 469.2: 48 h Daphnia magna mg/L EC50<br>Static 1000: 48 h Daphnia magna mg/L EC50 |
| Sodium azide<br>26628-22-8   |                      | 0.8: 96 h Oncorhynchus mykiss mg/L LC50<br>0.7: 96 h Lepomis macrochirus mg/L LC50<br>5.46: 96 h Pimephales promelas mg/L LC50 flow-through  |  |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number**

| Chemical name              | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes | RCRA - K Series Wastes |
|----------------------------|--------------------------------------|------------------------|------------------------|------------------------|
| Sodium azide<br>26628-22-8 |                                      | P105                   |                        |                        |

**California Hazardous Waste Status**

| Chemical name              | California Hazardous Waste Status |
|----------------------------|-----------------------------------|
| Sodium azide<br>26628-22-8 | Ignitable<br>Reactive             |

**14. TRANSPORT INFORMATION**

- Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
- DOT** Not regulated
- IATA** Not regulated
- IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

| Chemical name   | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELI NCS | ENCS | IECSC | KECL | PICCS | AICS |
|-----------------|------|-----------------------|----------|----------------|------|-------|------|-------|------|
| Sodium Chloride | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |
| Sodium azide    | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |
| Polysorbate 20  | X    | ACTIVE                | X        | X              | X    | X     | X    | X     | X    |

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name              | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|----------------------------|--------------------------|----------------|---|
| Sodium azide<br>26628-22-8 | 1000 lb                  | 1000 lb        | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical name              | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| Sodium azide<br>26628-22-8 | X          | X             | X            |

**16. OTHER INFORMATION**

**NFPA**

**Health Hazards**

**Flammability**

**Instability**

**Special Hazards**

Not determined

Not determined

Not determined

Not determined

**HMIS**

**Health Hazards**

**Flammability**

**Physical hazards**

**Personal Protection**

Not determined

Not determined

Not determined

Not determined

**Issue Date:** 01-Apr-2021

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**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**