

**MATERIAL SAFETY DATA SHEET**  
**RED STAR YEAST CO., LLC**  
**MILWAUKEE, WISCONSIN**

**IDENTITY** (As used on Label and List)  
**RED STAR® "All Natural" Active Dry Yeast**

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

**Section I - General Information**

|                                                                                                     |                                                           |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>Manufacturer's Name</b><br>Lesaffre Yeast Corporation                                            | <b>Emergency Phone Number</b><br>800-424-9300             |
| <b>Address (Number, Street, City, State, and ZIP Code)</b><br>7475 West Main St Milwaukee, WI 53214 | <b>Telephone Number for Information</b><br>(414) 615-4085 |
|                                                                                                     | <b>Date Prepared:</b> January 2, 2013                     |

**Section II - Hazard Ingredients/Identity Information**

|                                                                                                               |          |           |
|---------------------------------------------------------------------------------------------------------------|----------|-----------|
| Other Limits<br>Hazardous Components (Specific Chemical Identity; Common Name(s))<br>Recommended % (Optional) | OSHA PEL | ACGIH TLV |
| <b>No known hazardous ingredients present.</b>                                                                |          |           |
|                                                                                                               |          |           |
|                                                                                                               |          |           |
|                                                                                                               |          |           |

**Section III - Physical/Chemical Characteristics**

|                                                                   |     |                                         |     |
|-------------------------------------------------------------------|-----|-----------------------------------------|-----|
| Boiling Point                                                     | N/A | Specific Gravity (H <sub>2</sub> O = 1) | N/A |
| Vapor Pressure (mm Hg.)                                           | N/A | Melting Point                           | N/A |
| Vapor Density (AIR = 1)                                           | N/A | Evaporation Rate<br>(Butyl Acetate = 1) | N/A |
| Solubility in Water: <b>Dispersible</b>                           |     |                                         |     |
| Appearance and Odor: <b>Ivory-tan, dry particles, yeasty odor</b> |     |                                         |     |

**Section IV - Fire and Explosion Hazard Data**

|                                                 |                      |     |     |
|-------------------------------------------------|----------------------|-----|-----|
| Flash Point (Method Used) N/A                   | Flammable Limits N/A | LEL | UEL |
| Extinguishing Media: N/A                        |                      |     |     |
| Special Fire Fighting Procedures: <b>None</b>   |                      |     |     |
| Unusual Fire and Explosion Hazards: <b>None</b> |                      |     |     |

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**Section V – Reactivity Data**

|                                        |                |          |                      |
|----------------------------------------|----------------|----------|----------------------|
| Stability                              | Unstable       |          | Conditions to Avoid  |
|                                        | Stable         | <b>X</b> |                      |
| Incompatibility (Materials to Avoid):  |                |          |                      |
| Hazardous Decomposition or Byproducts: |                |          |                      |
| Hazardous Polymerization               | May Occur      |          | Conditions to Avoid: |
|                                        | Will Not Occur |          |                      |

**Section VI – Health Hazard Data**

|                                                                                                                                                                                |                        |                            |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------|---------------------------|
| Route(s) of Entry:                                                                                                                                                             | Inhalation? <b>Yes</b> | Skin? <b>N/A</b>           | Ingestion? <b>N/A</b>     |
| Health Hazards (Acute and Chronic): <b>Respiring yeast generates carbon dioxide. Over exposure to carbon dioxide gas may cause asphyxiation.</b>                               |                        |                            |                           |
| Carcinogenicity: <b>No</b>                                                                                                                                                     | NTP? <b>No</b>         | IARC Monographs? <b>No</b> | OSHA Regulated? <b>No</b> |
| Signs and Symptoms of Exposure: <b>Over exposure to carbon dioxide include: stupor, dizziness, unconsciousness, death.</b>                                                     |                        |                            |                           |
| Medical Conditions Generally Aggravated by Exposure: <b>Over exposure to carbon dioxide can aggravate several medical conditions. (Refer to carbon dioxide MSDS attached).</b> |                        |                            |                           |
| Emergency and First Aid Procedures: <b>If exposed to carbon dioxide, remove to fresh air. Give respiratory support if needed. Get medical aid.</b>                             |                        |                            |                           |

**Section VII - Precautions for Safe Handling and Use**

|                                                                                  |
|----------------------------------------------------------------------------------|
| Steps to Be Taken in Case Material Is Released or Spilled: <b>None suggested</b> |
| Waste Disposal Method: <b>Normal methods.</b>                                    |
| Precautions to Be Taken in Handling and Storing:                                 |
| Other Precautions:                                                               |

**Section VIII - Control Measures**

|                                                                                                                                                                                                                                                                                                                                                      |                                                           |                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|
| Respiratory Protection (Specify Type): <b>Confined spaces which held respiring yeast could potentially contain carbon dioxide gas. Use NIOSH/MSHA approved self-contained breathing apparatus or supplied air respirator if oxygen content is below 19%. Use in accordance with 29CFR1910.134 and 29CFR1910. (Refer to MSDS for carbon dioxide.)</b> |                                                           |                                                 |
| Ventilation:                                                                                                                                                                                                                                                                                                                                         | Local Exhaust <b>Use adequate mechanical ventilation.</b> | Special                                         |
|                                                                                                                                                                                                                                                                                                                                                      | Mechanical (General)                                      | Other                                           |
| Protective Gloves: <b>Work</b>                                                                                                                                                                                                                                                                                                                       |                                                           | Eye Protection: <b>Safety Glasses Suggested</b> |
| Other Protective Clothing or Equipment: <b>None normally required.</b>                                                                                                                                                                                                                                                                               |                                                           |                                                 |
| Work/Hygienic Practices: <b>Use Good Personal Hygiene and Good Housekeeping.</b>                                                                                                                                                                                                                                                                     |                                                           |                                                 |