**Yeast Extract**

**MSDS Name:** Yeast Extract  
**Catalog Numbers:** SB0425, SB0425-1, SB0425-3, SB04251, SB04253, BP1422-100, BP1422-2, BP1422-500, BP14225, BP1422500  
**Synonyms:** None

**Company Identification:** Fisher Scientific  
1 Reagent Lane  
Fair Lawn, NJ 07410

For Information, call: 201-796-7160  
For CHEMTREC assistance, call: 800-424-9300  
For International CHEMTREC assistance, call: 703-527-3887

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### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>%</th>
<th>EINHCS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>9013-01-2</td>
<td>Yeast extract</td>
<td>100.0</td>
<td>232-387-9</td>
</tr>
</tbody>
</table>

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### SECTION 3 - HAZARDOUS IDENTIFICATION

**EMERGENCY OVERVIEW**

**Appearance:** yellow-white to yellow-orange solid.  
**Caution:** May cause respiratory tract irritation. May cause skin irritation. May cause eye irritation. May cause digestive tract irritation. This is expected to be a low hazard for usual industrial handling. 
**Target Organs:** None.

**Potential Health Effects**

- **Eyes:** Dust may cause mechanical irritation. No information reported.  
- **Skin:** May cause skin irritation. No information reported.  
- **Ingestion:** May cause irritation of the digestive tract. Low hazard for usual industrial handling.  
- **Inhalation:** May cause respiratory tract irritation. Low hazard for usual industrial handling.  
- **Chronic:** No information found.

### SECTION 4 - FIRST AID MEASURES

- **Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.  
- **Skin:** Wash skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.  
- **Ingestion:** If victim is conscious and alert, give 2-4 cupsfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.  
- **Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.  
- **Other:**
  - **Physician:** Treat symptomatically and
  - **SECTION 5 - FIRE FIGHTING MEASURES**

**General Information:**  
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts may be an explosion hazard inhaled, with air at critical proportions and in the presence of an ignition source.

- **Extinguishing Media:** For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.  
- **Auto-Ignition Temperature:** Not applicable.  
- **Flash Point:** Not applicable.  
- **Explosion Limits:** Lower: Not available.

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### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**General Information:** Use proper personal protective equipment as indicated in Section 2.  
**Spills/Leaks:** Use proper personal protective equipment. Place into a suitable disposal container. Clean up spills immediately, observing precautions in the protective equipment section. Avoid generating dusty conditions. Provide ventilation.

### SECTION 7 - HANDLING AND STORAGE

**Handling:** Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and mucous membranes. Keep container tightly closed.

**Storage:** Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Solid  
- **Odor:** characteristic odor  
- **Ph:** Not available.  
- **Vapor Pressure:** Not applicable.  
- **Vapor Density:** Not applicable.  
- **Evaporation Rate:** Not available.  
- **Viscosity:** Not available.  
- **Boiling Point:** Not available.  
- **Freezing/Heating Point:** Not available.  
- **Decomposition Temperature:** Not available.  
- **Solubility in water:** 20% in water.  
- **Specific Gravity/Density:** Not available.  
- **Molecular Formula:** Variable.  
- **Molecular Weight:** 0

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### SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Conditions to Avoid:** Dust generation, strong oxidants.  
**Incompatibilities with Other Materials:** None.  
**Hazardous Decomposition Products:** Irritating and toxic gases.
Hazardous Polymerization: Has not been reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#: 
CAS# 801-01-2: ZP6610000
LD50/IC50: Not available.
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Neurotoxicity: No information available.
Mutagenicity: No information available.
Other Studies: No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.
US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
MCRA: None listed.
US DOT: No information available.
Canadian TDG: No information available.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

US FEDERAL
TSCA: CAS# 801-01-2 is listed on the TSCA inventory.

**** SECTION 14 - TRANSPORT INFORMATION ****

Canadian TDG: No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

的风险短语：
安全短语：
5.24/25. 避开眼睛和皮肤。

WNR (Water/Neutralization) 数字：
CAS# 801-01-2: 0

United Kingdom: Occupational Exposure Limits
Canada: None of the chemicals in this product are listed on the DSL/MDL list.

Exposure Limits: This product has a WHMIS classification of Not controlled...

MSDS Creation Date: 7/16/1999 Revision # Date: 7/11/2001

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