Section 1 - Product and Company Information

Product Name: Glyceraldehyde-3-phosphate Dehydrogenase, From Bakers Yeast
Product Number: G6537
Brand: Sigma Chemical
Company: Sigma-Aldrich
Street Address: 3020 Spruce Street
City, State, Zip, Country: SAINT LOUIS, MO 63103, US
Technical Phone: 800-325-5832
Fax: 800-325-5832
Emergency Phone: 314-776-6555

Section 2 - Composition/Information on Ingredient

<table>
<thead>
<tr>
<th>Substance Name</th>
<th>CAS #</th>
<th>SARA 213</th>
<th>EC no</th>
<th>Annex Index Number</th>
</tr>
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<tr>
<td>GLYCERALDEHYDE-3-PHOSPHATE</td>
<td>9001-50-7</td>
<td>No</td>
<td>232-609-4</td>
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</table>

Section 3 - Hazards Identification

Emergency Overview
Caution: Avoid contact and inhalation.

HMIS Rating
Health: 1
Flammability: 0
Reactivity: 0

NFPA Rating
Health: 1
Flammability: 0
Reactivity: 0

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

Oral Exposure
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Dermal Exposure
In case of contact, immediately wash skin with soap and copious amounts of water.

Eye Exposure
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures

Autoignition Temp: N/A
Extinguishing Media
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting
Protective Equipment
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s)
Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

Procedure(s) of Personal Precaution(s)
Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for Cleaning Up
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling
User Exposure
Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage
Suitable: Keep tightly closed. Store at -20°C

Section 8 - Exposure Controls / PPE

Engineering Controls
Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment
Respiratory
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 149) dust masks.

Hand
Protective gloves.

Eye
Chemical safety goggles.

General Hygiene Measures
Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance
Physical State: Solid
Color: White

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**Section 10 - Stability and Reactivity**

**Stability**
- Stable
- Stable
- Materials to Avoid: Strong oxidizing agents

**Hazardous Decomposition Products**
- Hazardous Decomposition Products not known

**Hazardous Polymerization**
- Hazardous Polymerization: Will not occur

**Section 11 - Toxicological Information**

**Route of Exposure**
- Skin Contact: May cause skin irritation.
- Skin Absorption: May be harmful if absorbed through the skin.

**Inhalation**
- May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

**Section 12 - Ecological Information**

**Section 13 - Disposal Considerations**

**Appropriate Method of Disposal of Substance or Preparation**
- Contact a licensed professional waste disposal service to dispose of this material.
- Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

**Section 15 - Regulatory Information**

**US Classification and Label Text**
- US Statements: Caution: Avoid contact and inhalation.

**SARA Listed:**
- No

**Canada Regulatory Information**
- WHMIS Classification: This product has been classified in accordance with the hazard criteria of the OPR, and the SDS contains all the information required by the OPR.
- DSL: No
- NDSL: No