

## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

**Product Identity:** Diamine Oxidase  
**Part Number:** 901

**Manufacturer:** Bio-Research Products, Inc.  
323 W. Cherry St.  
North Liberty, IA 52317, USA  
Phone # 319-626-2423 Fax # 319-626-2240  
www.bio-researchprod.com


**Product Use:** Research and industrial

### SECTION 2 – HAZARD IDENTIFICATION

#### GHS Classification

Skin irritation (Category 2)  
Eye irritation (Category 2A)  
Specific target organ toxicity - single exposure (Category 3)

#### GHS Label elements, including precautionary statements

<b>Signal word</b> Warning <b>Hazard statement(s)</b> H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.	<b>Pictogram:</b> 
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**Precautionary statement(s)**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**CAS No :** 9001-53-0  
**EC No:** 1.4.3.22  
**Origin:** plant origin  
**Synonyms:** DAO

SECTION 4 - FIRST AID MEASURES

**Skin:** Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

**Eyes:** Immediately wash eyes with running water for 15 minutes. If irritation develops, get medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth with water, do not swallow. Get immediate medical attention.

**Inhalation:** Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point:** NOT AVAILABLE  
**Autoignition:** NOT AVAILABLE

**Extinguishing Media:**  
Use water fog, foam, CO<sub>2</sub> or dry chemical extinguishing media.

**Fire Fighting Procedures:**  
Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

**Unusual Hazards:**  
Nature of decomposition products are unknown

**Additional Fire and Explosion Data:**  
Hazardous polymerization will not occur.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean up.

**Measures for cleaning/collecting:** Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility

SECTION 7 - HANDLING AND STORAGE

**Handling:** Product is sterile filtered. Aseptically remove sample to retain product integrity.

**Storage:** Store frozen at  $\leq -60^{\circ}\text{C}$ .

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Clothing:** Gloves, coveralls, apron, boots as necessary to prevent skin contact.

**Eyes:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Respiratory protection:** Wear a NIOSH approved respirator.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Form/Appearance:** Liquid concentrate

**Sp. Gravity:** NOT AVAILABLE

**Bulk Density:** NOT AVAILABLE

**Viscosity:** NOT AVAILABLE

**pH:** NOT AVAILABLE

**Boiling Pt:** NOT AVAILABLE

**Melting Pt:** NOT AVAILABLE

**Decomp. Tmp:** NOT AVAILABLE

**Solubility in Water Description:** Soluble

SECTION 10 - STABILITY AND REACTIVITY

**Stability Data:** Stable. Avoid strong oxidizing agents.  
**Incompatibility:** None known  
**Conditions/Hazards to Avoid:** None known.  
**Hazardous Decomposition/Polymerization:** None known.  
**Hazardous decomposition products:** None known.  
**Polymerization:** Does not occur.  
**Corrosive Properties:** Not corrosive.  
**Oxidizer Properties:** Not an oxidizer.  
**Other Reactivity Data:** None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

**Acute Overexposure Effects:** Contact with the eyes may result in irritation. Prolonged or repeated skin contact may result in irritation. Inhalation may result in respiratory irritation. Ingestion may result in gastric disturbances. There are no other known acute effects associated with this material.

**Chronic Overexposure Effects:** There are no known chronic effects associated with this material.

SECTION 12 – ECOLOGICAL INFORMATION

**Toxicity:** No data available  
**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**PBT and vPvB assessment:** No data available  
**Other adverse effects:** No data available

SECTION 13 – DISPOSAL INFORMATION

**Waste Disposal:**

Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Disposal:**

Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.

SECTION 14 – TRANSPORT INFORMATION

<b>DOT (US)</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

SECTION 15 – REGULATORY INFORMATION

**GHS Classification**

Skin irritation (Category 2)

Eye irritation (Category 2A)

Specific target organ toxicity - single exposure (Category 3)

SECTION 16 – OTHER INFORMATION

**Date of revision:** November 8, 2017

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