

MATERIAL SAFETY DATA SHEET
Diamine Oxidase, Cat. #901

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SECTION 1 - PRODUCT INFORMATION

Product ID: Diamine Oxidase, Cat. # 901
EC # 1.4.3.6 CAS # 9001-66-5

Synonyms: DAO

Product Use: Research and Industrial

SECTION 2 - INGREDIENTS

Diamine Oxidase, Phosphate Buffer

SECTION 3 - PHYSICAL PROPERTIES

Form/Appearance:	Liquid Concentrate	
	Typical Low-RANGE-High	Unit of Measure
Sp. Gravity:	NOT AVAILABLE	
Bulk Density:	NOT AVAILABLE	
Viscosity:	NOT AVAILABLE	
pH:	NOT AVAILABLE	pH
	Typical Low-RANGE-High	Deg. @ Pressure
Boiling Pt:	NOT AVAILABLE	C 1.0 ATMOSPHERES
Freezing Pt:	NOT AVAILABLE	C 1.0 ATMOSPHERES
Decomp. Tmp:	NOT AVAILABLE	

Solubility in Water Description: Soluble

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: NOT AVAILABLE
Autoignition: NOT AVAILABLE

Extinguishing Media:
Use water fog, foam, CO₂ or dry chemical extinguishing media.

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

Unusual Hazards:
Emits toxic fumes under fire conditions.

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Additional Fire and Explosion Data:

Nature of decomposition products is unknown. Hazardous polymerization will not occur.

SECTION 5 - HEALTH EFFECTS

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:

Prolonged or repeated exposure may sensitize susceptible individuals to cause allergic reactions.

First Aid Procedures - Skin:

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

First Aid Procedures - Eyes:

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

First Aid Procedures - Ingestion:

If swallowed, wash out mouth and give water. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures - Inhalation:

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

First Aid Procedures - Special Precautions:

None known.

SECTION 6 - REACTIVITY DATA

Reactivity - Stability Data:

Stable. Avoid strong oxidizing agents.

Reactivity - Incompatibility:

None known.

Reactivity - Conditions/Hazards to Avoid:

None known.

Reactivity - Hazardous Decomposition/Polymerization:

Hazardous Decomposition: Nature of decomposition products unknown.

Polymerization: Does not occur.

Reactivity - Corrosive Properties:

Not corrosive.

Reactivity - Oxidizer Properties:

Not an oxidizer.

Other Reactivity Data:

None known.

SECTION 7 - PERSONAL PROTECTION

Personal Protection - Clothing:

Glove, coveralls, apron, boots as necessary to prevent skin contact.

Personal Protection - Eyes:

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

Personal Protection - Respiration:

Wear a NIOSH approved respirator **only** where dust is a nuisance.

Personal Protection - Ventilation:

Use adequate ventilation.

Other Personal Protection Data:

None under normal conditions.

SECTION 8 - SPILL / LEAK PROCEDURES

Spill/Leak Procedures - General:

Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility. Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean up.

Spill/Leak Procedures - Waste Disposal:

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

Spill/Leak Procedures - Container Disposal:

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

Other Spill/leak Procedures:

No other spill procedures necessary.

SECTION 9 - STORAGE AND HANDLING

Storage and Handling - General:

Store tightly closed at between 4 °C and room temperature. Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Other Storage and Handling Data:

May be stored for 1 – 2 weeks at room temperature without losing potency.

SECTION 10 - REGULATORY INFORMATION

TSCA Inventory Status: Not available.

CERCLA Reportable Qty: Not available.

DOT/IATA: Non-hazardous for transport.

European: S: 22 – 24/25

Safety Statements: Avoid contact with eyes and skin. Do not breathe dust.

SARA Listed: No

Hazard Ratings: (NFPA)

Health:	Fire:	Reactivity:	Special:
2	0	0	

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