

MATERIAL SAFETY DATA SHEET

Elite™ Nitrite Quantification Assay Kit

COMPANY DETAILS

Company: eENZYME LLC
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Gaithersburg, MD 20879
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IDENTIFICATION SECTION

Product Name	<i>Elite™ Nitrite Quantification Assay Kit</i>
Other Names	None
Product Code	CA-NO100
U.N.Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Nitrite detection

Physical Description and Properties

Appearance	Solid or liquid
Melting Point	Not available
Vapour Pressure	Not available
Specific Gravity	Not available
Flash Point	Not available
Flammability Limits	Not available
Solubility	Water

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Description	Quantity
Griess Reagent	Chemical reagent	50 mL
Nitrite Standard (50 mM)	Chemical solution	1 vial (25 µL)

HEALTH HAZARD INFORMATION

Health Effects:

Acute

Swallowed: May cause irritation

Eye:	May cause irritation
Skin:	May cause irritation
Inhaled:	May cause irritation

Chronic

First Aid:

Swallowed:	Do NOT induce vomiting. Rinse mouth with water. Seek medical attention
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Eye:	Wash continuously with water for 15 minutes
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Skin:	Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
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Inhaled:	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
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First Aid Facilities:	Eye bath, safety shower
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<i>PRECAUTIONS FOR USE</i>

Exposure Standards:	No data
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Engineering Controls:	General or local exhaust ventilation
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Personal Protection:	Safety goggles, uniform, apron, rubber gloves are recommended
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Flammability:	Use in well ventilated area
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<i>SAFE HANDLING INFORMATION</i>

Storage and Transport:	Store tightly closed at room temperature. Protect from moisture. Use in a well-ventilated area.
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Spills and Disposal:	With clean shovel, carefully place material into clean, dry container and cover. Remove from area. Flush spill area with water. Dispose in accordance with all applicable federal, state and local environmental regulations. Wear self-contained breathing apparatus and full protective clothing.
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Fire/Explosion Hazard:	Use extinguishing media appropriate for surrounding fire. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode. Note: decomposes at melting point. Thermal decomposition may produce sulfur oxides and formaldehyde.
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The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.