




# Material Safety Data Sheet

**Product:** IL-09756904D  
**Description:** Reference Emulsion

**Emergency Telephone No: 508-429-0450**

Composition/Chemical Constituents	Approximate % by weight	CAS#
Sodium Azide	< 0.05%	26628-22-8

Physical Data	Fire and Explosion Data
Boiling Point: Approx. 100 °C Melting Point: N/G Vapor Pressure: N/G % Volatility: N/G Evaporation Rate: N/G Solubility In Water: 100% Specific Gravity: Approx. 1 Appearance: Clear Liquid Freezing Point: 0 °C	Flash Point: Method: Approx. 100 °C Flammable Limits: N/A Extinguishing Media: Suitable for surrounding fire Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing Explosion Potential: Sodium Azide may react with lead or copper plumbing to form a highly explosive metal azides

Precaution for Safe Handling and Use	Health and Hazard Data
<p><b>Handling Precautions:</b> Avoid inhaling, ingesting, and contact with eyes and skin. Do not pipette by mouth.</p> <p><b>In Case of Spill:</b> Absorb spills with inert material or flush into drain with copious amounts of water. Wash site of spill with soapy water. Wash contaminated clothing before use.</p> <p><b>Disposal Method:</b> In accordance with applicable Federal, state, and local laws and regulations.</p> <p><b>Protective Controls:</b> Protective clothing, gloves and safety goggles.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">  <p>Personal Protective Equipment</p> </div>	<p><b>Principle Health Effects:</b> Products with Sodium Azide component may burn the eyes with contact. Sodium Azide will also cause skin irritation, respiratory and digestive tract irritation.</p> <p><b>Exposure Limit :</b> Oral Rat for Sodium Azide – 27 mg/Kg</p> <p><b>Signs-Symptoms of Overexposure:</b> Irritation of affected area.</p>

Emergency and First Aid Procedure	Reactivity Data
<p><b>Skin Contact:</b> Wash affected area with large amounts of soap and water. If irritation persists, contact a physician.</p> <p><b>Eye Contact:</b> Flush affected area with copious amounts of water.</p> <p><b>Inhalation:</b> Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical aid.</p> <p><b>Ingestion:</b> Do not induce vomiting. Never give anything to drink to an unconscious victim. If conscious and alert, rinse mouth and drink large amounts of water seek medical aid.</p>	<p><b>Stability:</b> Stable</p> <p><b>Incompatibility (materials to avoid):</b> Strong Acids, Strong Bases, Strong Oxidizing acids.</p> <p><b>Hazardous Decomposition Products:</b> None</p> <p><b>Hazardous Polymerization:</b> Will not occur</p> <p><b>Conditions to avoid :</b> Acidification produces hydrazoic acid, which is highly explosive.</p> <p><b>Suggested Storage:</b> Store as recommended on product labling.</p>

Transportation Care	Other Information
No Restrictions	The information contained herein is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Diamond Diagnostics shall not be held liable for any changes resulting from handling or contact with the above product. See reverse side of invoice or packaging slip for additional terms and conditions of sale.

N/G = Not Given      N/A = Not Applicable or Not Available