

Siemens Medical Solutions Diagnostics 511 Benedict Avenue Tarrytown, NY 10591; USA	Emergency Telephone 1-800-424-9300 (Chemtrec) Technical Information 1-877-229-3711
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Reconstitution Fluid
Product Number: 5068-RF
Date Prepared: 4/1/2007
Revision Number: 5
Recommended Use: In vitro diagnostic reagent

2. COMPOSITION/INFORMATION ON INGREDIENTS

<i>CAS-No./EINECS-No.</i>	<i>Chemical Name</i>	<i>Amount</i>	<i>EU Classification (67/548/EEC):</i>
26628-22-8 / 247-852-1	Sodium Azide	0.09%	N, T+, R28, R32, R50/53

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

Man: May be harmful by ingestion. May cause irritation.
Environment: This product contains 0.09% sodium azide which is toxic to fish.
EU Classification (1999/45/EC): Not applicable
EU Risk and Safety Phrases: None

4. FIRST AID MEASURES

Emergency First Aid Procedures: Call a physician immediately. Arrange for transport to the nearest ER (emergency room).
While awaiting the physician or transport to the ER:
Inhalation: If it occurs move patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion: If the patient is conscious, wash out mouth with water, give one or two glasses of water or milk to dilute immediately. Get immediate medical attention.

Skin Contact: Take off all contaminated clothing immediately. Wash off with soap and plenty of water. Wash contaminated clothing before re-use.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Transport to hospital for further medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use whatever is required for the surrounding area.

Special Fire Fighting Procedures: It is always best to wear a self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None determined.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Take up with absorbent material and place in a suitable container. Wipe up area with a damp paper towel and discard.

7. HANDLING AND STORAGE

Store at temperatures and conditions as indicated on the product label. Avoid contact with the eyes, skin and clothing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Chemical Name</i>	<i>Exposure Limit(s)</i>
Sodium Azide	0.29 mg/m ³ TLV-Ceiling

Ventilation: Use general room ventilation.

Respiratory Equipment: None required.

Protective Gloves: Standard laboratory chemical rubber or latex gloves.

Eye Protection: Standard laboratory safety glasses recommended. Contact lenses should not be worn in the laboratory.

Other Protective Equipment/Clothing: A laboratory coat or apron is suggested.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Clear, colorless, aqueous solution.

pH: N/D

Specific Gravity (H₂O=1): N/D

Boiling Point (F): N/D

Melting Point (F): N/A

Vapor Pressure: N/D

Evaporation Rate: N/D

Solubility in Water: Soluble

Flash Point (Method Used): None

Flammable Limits: LEL: Not Applicable UEL: Not Applicable

N/A = Not Applicable N/D = Not Determined

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None determined.

Substances to Avoid: Avoid contact with metals (aluminum, mercury, copper, lead, zinc) and acids.

Hazardous Decomposition Products: Sodium azide can react with heavy metals to form explosive azides.

Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Chronic Effects of Overexposure: None currently known.

Carcinogen or Suspected Carcinogen: None of the components are listed as a carcinogen or suspected carcinogen.

Medical Conditions Aggravated by Exposure: None currently known.

Acute Toxicity:

Inhalation: Inhalation of mists may cause respiratory irritation and possible systemic effects similar to ingestion.

Ingestion: Ingestion of sodium azide has been reported to cause shortness of breath, nausea, vomiting, restlessness, diarrhea, lowering of blood pressure (hypotension), and collapse. Rated highly toxic in animals.

Skin Contact: May cause mild irritation. Prolonged and extensive skin contact may result in absorption with systemic symptoms similar to ingestion.

Eye Contact: May cause irritation.

Acute Toxicity Values: Sodium Azide: LD50 oral rat: 27 mg/kg; LD50 dermal rabbit: 20 mg/kg

12. ECOLOGICAL INFORMATION

Ecological effects of this mixture have not been determined. The LC50 for sodium azide in *Daphnia Pulex* is reported to be 4.2 mg/L/96 hr @ 15°C and in Rainbow Trout is reported to be 0.8-1.6 mg/L/96 hr @ 13°C, Wt 1.4 G.

13. DISPOSAL CONSIDERATIONS

Primary Container Type: The product container is LD Polyethylene.

Waste Disposal Method: Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental Regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated

Technical Name:

UN Number: N/A

Hazard Class and Packaging Group: Not regulated

Label(s): N/A

Packing Instruction (Passenger Aircraft): N/A

Packing Instruction (Cargo Aircraft): N/A

Unit Volume: 2 mL

Primary Container Type: 5 mL Plastic, LD polyethylene

Sales Unit: 1 bottle/kit.

15. REGULATORY INFORMATION





SARA 311/312: Hazard categories for SARA Section 311/312 Reporting: Not Hazardous

Canadian WHMIS Classification: Not a controlled product.

EU Classification (1999/45/EC): Not applicable

EU Risk and Safety Phrases: None

16. OTHER INFORMATION

HMIS Hazard Rating		4 Severe Hazard
 HEALTH	1	3 Serious Hazard
 FLAMMABILITY	0	2 Moderate Hazard
 REACTIVITY	0	1 Slight Hazard
 PERSONAL_PROTECTION	0	0 Minimal Hazard
	B	* An asterisk indicates significant chronic health effects

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

N - Dangerous for the environment

T+ - Very toxic

R28 - Very toxic if swallowed.

R32 - Contact with acids liberates very toxic gas.

R50/53 - Very toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

If substantial amounts of reagents containing Sodium Azide are disposed of in plumbing systems, Sodium Azide may build up and form metal azides with copper or lead. This may produce a potential explosion hazard. See product insert or "Safety Management No. CDC-22 (United States Center for Disease Control) Decontamination of Laboratory Sink Drains to remove Azide Salts".

Reason for Revision: Revisions to section(s) 1

Prepared by: Regulatory Affairs Department

The opinions expressed herein are those of qualified experts within Siemens Medical Solutions Diagnostics. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Siemens Medical Solutions Diagnostics, it is the users' obligation to assure safe use of the product.