

## Sodium Azide Stock Solution

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### Sodium Azide Stock Solution

Use this solution to protect protein containing solutions from contaminant growth. Use at 0.1% final concentration (thus add 5 $\mu$ l of 20% sodium azide solution to each 1ml of protein solution). Notes: Depending on the sodium azide used, you might be able to add all the azide at once and forgo filtering.

### 20% Sodium Azide (aqueous solution) - Creighton University

CAS: 26628-22-8 MDL: MFCD00003536 EINECS: 247-852-1 Synonyms: Sodium triazide N.I.S.T. traceable solution, made with purified water.

### Sodium azide 5% (w/v) in aqueous solution, VWR Chemicals ...

Sodium azide is a common preservative of samples and stock solutions in laboratories and a useful reagent in synthetic work. It is not explosive except when heated near its decomposition temperature (300°C) or reacted with metals; heating sodium azide should be avoided.

### Sodium Azide | Environmental Health & Safety ...

Sodium azide 0.1M solution has been used as a preservative for phosphate buffer. It has also been used as an inhibitor of ceruloplasmin activity. Biochem/physiol Actions Sodium azide is a preservative for laboratory reagents. It also works as a plant mutagen. It is a F-type ATPase inhibitor and selectively inhibits ceruloplasmin.

### Sodium azide 0.1 M To be determined | 26628-22-8 | Sigma ...

Buy Sodium Azide 10% Solution from Atom Scientific Ltd, the UK's largest diagnostic manufacturer and chemical retailer for science, education and industry.

### Sodium Azide 10% Solution | Chemical | Atom Scientific

To make a 10% stock solution of sodium azide, dissolve 10 g of sodium azide in 100 ml of distilled H<sub>2</sub>O. Store at room temperature.

### sodium azide - CSH Protocols

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### **Buy Chemical Solutions | 100ml \$13 | Sodium Azide | 1 Gal ...**

How can I determine the concentration of sodium azide in solution? Sodium azide forms a 3,5-dinitrobenzoyl derivative that can be quantified by liquid chromatography. This method is reported in the Journal of Chromatography, 5, 597 (1982).

### **Sodium azide ReagentPlus ,>=99.5% | 26628-22-8 | Sigma-Aldrich**

Sodium Azide Hazards and Disposal Sodium azide is used at UNO in the preservation of samples and stock solutions. It is often a better choice for this purpose than thimerosal, as sodium azide does not contain mercury. However, sodium azide does have hazards. Heavy-metal azides are notoriously explosive. Sodium azide, a common preservative in ...

### **Sodium Azide Hazards and Disposal**

Sodium Azide, 5% (w/v) Aqueous Solution, Ricca Chemical Click to view available options Quantity: 500mL 1L Packaging: Poly bottle CAS: 26628-22-8,7732-18-5: Molecular Formula ...

### **Sodium Azide, 5% (w/v) Aqueous Solution, Ricca Chemical ...**

Sodium azide ( $\text{NaN}_3$ ) is a colorless crystalline solid and is readily soluble in water. Sodium azide is a common preservative of samples and stock solutions in laboratories and a useful reagent in synthetic work. No SOP is required if a lab has ONLY pre-made kits where sodium azide is present as a preservative at 1% concentration or less.

### **Sodium Azide SOP - Duke University**

Prepare 1M sodium azide. Add 0.65 g sodium azide into 10 ml water. Add a final concentration of 5mM sodium azide. (Add 5 ul per ml) Notes: Sodium azide is highly toxic by inhalation, ingestion, or skin absorption. Labeled the stock solutions clearly. Sodium azide is a preservative used for inhibiting the growth of contaminants such as bacteria ...

### **Prevent antibody contamination with sodium azide | S-Club1 ...**

Sodium azide is the inorganic compound with the formula  $\text{NaN}_3$ . This colorless salt is the gas-forming component in many car airbag systems. It is used for the preparation of other azide compounds. It is an ionic substance, is highly soluble in water, and is very acutely toxic.

### **Sodium azide - Wikipedia**

Safe Handling of Sodium Azide (SAZ) Sodium azide (SAZ, CAS# 26628-22-8)<sup>1,2</sup> is a white crystalline solid [molecular formula of ( $\text{NaN}_3$ )] used in organic synthesis and also as a well-known preservative at low concentrations in molecular biology reagents.

### **Safe Handling of Sodium Azide (SAZ)**

Sodium azide can be removed from antibody solutions by dialysis or gel filtration. The molecular weight of IgG is 150,000 daltons (IgM is ~600,000); the molecular weight of sodium azide is 65 daltons. A micro-dialysis unit with a cut off at 14,000 daltons will retain the antibody as the azide diffuses out.

### **Antibody storage guide | Abcam**

Sodium Azide (warning - very dangerous, take precautions) To make a 10% stock solution of sodium azide, dissolve 10 g of sodium azide in 100 ml

## Get Free Sodium Azide Stock Solution

of distilled H<sub>2</sub>O. Store at 4 degrees. \* Add Sodium Azide to a final concentration of 0.05% to prevent contamination: 5ul of 10% stock per 1 ml). 5X TBE buffer 54.0 g Tris base 27.5 g Boric acid

### **Williams' Lab Recipes**

17782 (17782) Sodium Azide for molecular biology, 99% 26628-22-8 Part A HSN Code : 28500049 IMDG Identification :UN No.:1687 , IMCO Class No.:6.1 , Packing Group:II

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I was puzzled because I need to make stock solutions in bulk quantities and in the same time avoid sodium azide. Therefore, thanks a lot for such an informed input. I am still looking for ProClin

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