



Manufacturers of Instruments for  
pH, Redox, Specific Ions,  
Conductivity, Salinity,  
Dissolved Oxygen,  
Humidity, Temperature,  
for Research and Industry



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## MATERIAL SAFETY DATA SHEET

Not Classified as Hazardous According to Criteria of Worksafe Australia

### IDENTIFICATION

Suspended Copolymer Turbidity Standard Solutions.

Part No	Product Code	Description & Volume
125200	GST180L	180 NTU Primary Turbidity Standard, 1 Litre
125202	GST180	180 NTU Primary Turbidity Standard, 200 mL
125204	GST360L	360 NTU Diluted Turbidity Standard, 1 Litre
125206	GST360	360 NTU Diluted Turbidity Standard, 200ML
125214	GST90L	90 NTU Diluted Turbidity Standard, 1 Litre
125216	GST90	90 NTU Diluted Turbidity Standard, 200 mL
125218	GST900L	900 NTU Diluted Turbidity Standard, 1 Litre
125220	GST900	900 NTU Diluted Turbidity Standard, 200 mL
125222	GST1800L	1800 NTU Primary Turbidity Standard, 1 Litre
125224	GST1800	1800 NTU Primary Turbidity Standard, 200 mL

**UN Number** : None Allocated  
**Other Names** : AMCO CLEAR™ Turbidity Standard  
**Manufacturers Code** : AMCO CLEAR

**Dangerous Goods Class** : None Allocated  
**Subsidiary Risk** : None Allocated  
**Hazchem Code** : None Allocated  
**Poisons Schedule** : Not Scheduled

**Uses** : Analytical reagent for calibrating Turbidity meters.

#### Physical Description / Properties :

**Appearance** : Clear to opaque, odourless liquid  
**Boiling Point (°C)** : 100 °C  
**Melting Point (°C)** : 0 °C  
**Specific Gravity** : 1.0  
**Flash Point (°C)** : Not flammable  
**Flammability Limits (%)** : Not flammable  
**Solubility in Water (g/L)** : Completely miscible

**Other Properties** : pH ~ 6.7



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### Ingredients :

Chemical Entity	CAS No	Proportion
Styrene Divinyl Benzene Copolymer beads	[ 9003-70-7 ]	<1%
Water	[ 7732-18-5 ]	to 100%

A trace of sodium azide (0.01%) has been added as a preservative.

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## HEALTH HAZARD INFORMATION

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### Health Effects :

<b>Swallowed</b>	: May cause irritation of the gastric system.
<b>Eye</b>	: May be irritating to eye tissue.
<b>Skin</b>	: May irritate skin tissue.
<b>Inhaled</b>	: Not considered a hazard with normal laboratory use. Mists may cause irritation of mucous membranes.
<b>Chronic Effects</b>	: No data available

### First Aid :

<b>Swallowed</b>	: Ingestion is not hazardous.
<b>Eye</b>	: Flush eyes with water. Seek medical attention if irritation develops.
<b>Skin</b>	: Wash contacted skin with water.  Launder clothing before reuse.
<b>Inhaled</b>	: Inhalation is not an expected route of exposure.

### Advice to Doctor :

Treat symptomatically

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## PRECAUTIONS FOR USE

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<b>Exposure Limits</b>	: Worksafe - None Established. LD <sub>50</sub> (oral-rabbit) 368g (water)/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.
<b>Engineering Controls</b>	: Not usually required with normal use. Keep from freezing. Avoid contaminating solution.
<b>Personal Protection</b>	: Always Use good laboratory practices.
<b>Flammability</b>	: Not flammable.



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## SAFE HANDLING INFORMATION

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**Storage & Transport** : Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Observe good hygiene and housekeeping practices.

No special transport requirements apply.

**Spills & Disposal** : Wash up with water. Disposal to sanitary drain or general wash.

**Fire/Explosion Hazard** : Not flammable. Fight surrounding fire.

**Reactivity** : Stable. Incompatible with organic matter (no hazardous reaction). Hazardous polymerisation will not occur.

**Other :**

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