



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



Manufacturer : GFS Chemicals, Inc.
Address : P.O. Box 245 Powell, OH 43065, U.S.A.
Phone : +1 740 8815501
Fax : +1 740 8815989

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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 Diluted Turbidity Standard, 1 Litre
125202	GST180	180 NTU Diluted 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.

HEALTH HAZARD INFORMATION

Health Effects :

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

First Aid :

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

Advice to Doctor :

Treat symptomatically

PRECAUTIONS FOR USE

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



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SAFE HANDLING INFORMATION

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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