

Global Water Instrumentation

11390 Amalgam Way, Gold River, CA 95670 USA
916-638-3429 (Tel.) 916-638-3270 (Fax)
1-800-424-9300 (Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

AMCO CLEAR® TURBIDITY PRIMARY STANDARD

CHEMICAL NAME & SYNONYMS

AMCO CLEAR® Turbidity Primary Standard

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

Styrene Divinyl Benzene
Copolymer Beads <1%

REPORTABLE QUANTITY

N/A

F.W.

N/A

CAS#

9003-70-7

H2O >99%

N/A

18.02

7732-18-5

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

PHYSICAL DATA

Boiling point 100°C; Density 1.0; melting point 0°C. pH 6.7

APPEARANCE & ODOR

White powder suspended in clear, colorless liquid. Depending on concentration, solution may be clear, hazy or opaque. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. Incompatible with organic matter (no hazardous reaction). Hazardous polymerization will not occur. Keep from freezing (once frozen, polymer will not remain completely suspended).

FIRE HAZARDS

None. NFPA # 0-0-0.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

No health hazards by normal means of exposure. LD₅₀ (oral-rabbit) 368 g (water)/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Always use good laboratory practices. Keep from freezing, avoid contaminating solution.

FIRST AID

Flush eyes with water. Seek medical attention if irritation develops. Wash contacted skin with water. Ingestion is not hazardous. Inhalation is not an expected route of exposure.

SPILLS & LEAKS

Wash up with water. Flush to drain with plenty of water or dispose in general trash.

CATALOG

02-003, 02-004, 02-005, 02-006,
02-009, 02-010, 02-011. 02-012

PREPARED BY

PM

DATE

December 2, 2009