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MATERIAL SAFETY DATA SHEET

107

BARIUM DIPHENYLAMINE SULFONATE, SOLUTION

CHEMICAL NAME & SYNONYMS

Barium Diphenylamine Sulfonate, 0.005 M Solution

DOT CLASS

NR

SARA TITLE 313

Yes -Ba Cmpds

TSCA listed - Yes

FORMULA

Ba(SO₃C₆H₄NHC₆H₅)₂ 0.3%
H₂O >99%

REPORTABLE QUANTITY

N/A
N/A

F.W.

633.90
18.02

CAS#

1300-92-1
7732-18-5

PHYSICAL DATA

Density 1.0; Boiling point 100°C; Completely miscible with water.

APPEARANCE & ODOR

Clear, colorless to slightly colored solution. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. No hazardous reactivity.

FIRE HAZARDS

Insignificant fire hazard.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May irritate eyes, mucous membranes. Any toxicity of this dilute solution will be due to barium content (less than 0.1%). Symptoms of barium poisoning: abdominal pain, rapid pulse, paralysis, cyanosis, and death. LD/TD no data. OSHA TLV/ACGIH PEL TWA: 0.5 mg (Ba)/m³. Barium compounds - experimental reproductive and mutagenic effects. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling.

FIRST AID

Wash skin and eyes thoroughly with water after contact. If irritation persists, see a physician. If swallowed, give water or milk and get medical attention.

SPILLS & LEAKS

Wash up with water. Disposal to hazardous waste, to incinerator or to sanitary drain after checking local regulations for barium limits.

CATALOG #

107

PREPARED BY

MDM

DATE

July 16, 2004