

Material Safety Data Sheet

Barium chloride

ACC# 75173

Section 1 - Chemical Product and Company Identification

MSDS Name: Barium chloride

Catalog Numbers: LC11560

Synonyms: barium chloride dihydrate, barium dichloride

Company Identification:

Labchem Inc.

200 William Pitt Way

Pittsburgh, PA 15238

For information, call: 412-826-5230

For CHEMTREC assistance, call: 800-424-9300

For International CHEMTREC assistance, call: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
10326-27-9	Barium chloride dihydrate	99+	unlisted

Hazard Symbols: None listed.

Risk Phrases: None listed.

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: white. Warning! Do not taste or swallow. Do not take internally. Harmful or fatal if swallowed.

Target Organs: None known.

Potential Health Effects

Eye: May cause redness, tearing, irritation, burning, blurred vision.

Skin: May cause swelling and irritation.

Ingestion: Harmful if swallowed. Larger doses cause cardiac and respiratory failure, kidney and GI tract hemorrhage. Paralysis, hypokalemia, heart disorder may occur.

Inhalation: Toxic effects of mist inhalation including muscle tightness, salivation, vomiting, diarrhea, abdominal pain, convulsions, tremors, anxiety, dyspnea, slow pulse, irregular heartbeat.

Chronic: Exposure may result in mucous membrane irritation, dermatitis, conjunctivitis. May cause bronchitis.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

Skin: Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion: Get medical aid at once. Give oxygen if respiration is depressed. Induce vomiting (touch finger to back of throat) keeping head lower than hips (prevent aspiration into lungs). Give conscious non-convulsive victim two tablespoons of epsom salts (magnesium sulfate) in a glass of warm water, then 2-4 glasses of water.

Inhalation: Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest. Move victim to fresh air.

Notes to Physician: Treat symptomatically and supportively.

Chemical Name	
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Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 10326-27-9 is not on the TSCA Inventory. It is a hydrate and exempt from TSCA Inventory requirements (40CFR720.3(u)(2)).

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ)

None of the chemicals in this material have an RQ.

Section 302 (TPQ)

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 10326-27-9: acute, chronic.

Section 313

This material contains Barium chloride dihydrate (listed as ** undefined **), 99%, (CAS# 10326-27-9) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 10326-27-9 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 10326-27-9: 1

Canada

Canada

None of the chemicals in this product are listed on the DSL or NDSL list. WHMIS: Not available.

