MATERIAL SAFETY DATA SHEET



Anderson Chemical Company

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Health Flammability 0

Reactivity 0

Personal Protection X **HMIS Rating System***

Flammability Health Reactivity Special See Bottom Hazard of Page NFPA Hazard Rating*

Name: Barium Chloride Solution

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 6/3/2003

Supersedes: 2/19/1993

I. IDENTIFICATION

Chemical Name And Synonyms:

DOT Shipping Name

Not Applicable

Chemical Family:

DOT Hazard Class & I.D. Number

PG

kcs

Not Applicable

II. HAZARDOUS INGREDIENTS

Component CAS NO.

TLV

PEL Toxic Hazard

Barium Chloride, Anhydrous

10361-37-2

17.5 N/F N/F

NA

Poison.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable NE: Not established

III. PHYSICAL DATA

Boiling Point: Not established Specific Gravity: ~1.0

Form: Liquid Solubility In Water: Complete

Appearance: Clear, colorless

Odor: None

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Although this product is not combustible, if a fire occurs in the near vicinity, good fire-fighting practice dictates the use of self-Fighting Procedures: contained breathing apparatus and other protective gear.

Unusual Fire And None

Explosion Hazards:

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of CAUTION! Causes irritation. May be fatal if swallowed.

Over-exposure:

Emergency And First INGESTION: Do not induce vomiting. Give large quantities of water or milk. GET IMMEDIATE MEDICAL ATTENTION. Never give Aid Procedures: anything by mouth to an unconscious person.

> EYES: Flush immediately with water for 15 minutes, raise eyelids for complete rinsing. GET PROMPT MEDICAL ATTENTION. SKIN: Flush with water for 15 minutes. If irritation persists, GET MEDICAL ATTENTION. Remove contaminated clothing and wash before reuse.

Page 2; Product Name: Barium Chloride Solution VI. REACTIVITY DATA Stability -**Unstable:** Stable: x Conditions To Avoid: None Incompatibility: None (Materials to Avoid) Hazardous None **Decomposition Products:** VII. SPILL OR LEAK PROCEDURES Steps To Be Taken In Case Material Is Released Or Spilled: Absorb on vermiculite or other inert material. Containerize for proper disposal. Waste Disposal Method: Check local, state and federal regulations for discharging of wastes. VIII. SPECIAL PROTECTION INFORMATION Respiratory Protection: Not required for normal use. Ventilation: Adequate mechanical Protective Gloves: Rubber gloves Eye Protection: Safety glasses Protective Clothing: Lab coat IX. SPECIAL PRECAUTIONS **Precautions To Be Taken In Handling And Storing:** Do not get in eyes, on skin, or on clothing. Keep in tightly closed containers. Wash thoroughly after handling. Avoid contact with eyes.

X. REVISED INFORMATION

MSDS Status:

Other Precautions:

The opinions expressed herein are those of qualified experts within ANDERSON Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of ANDERSON Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.