

**AMERICAN REGENT, INC.
MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: SODIUM BICARBONATE INJECTION, USP

MANUFACTURER: LUITPOLD PHARMACEUTICALS, INC.
PO BOX 9001
SHIRLEY, NY 11967

**EMERGENCY
TELEPHONE
NUMBER:** (800) 645-1706

SECTION I: IDENTITY

Common Name - Sodium Bicarbonate
Chemical Name - Sodium Hydrogen Carbonate
Chemical Family - Electrolyte Replenisher
Chemical Formula - NaHCO_3
CAS No. - 144-55-8
RTECS No. - VZ0950000

SECTION II: HAZARDOUS INGREDIENTS/ACTIVE INGREDIENTS

<u>COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium Bicarbonate	N/A	N/A

SECTION III: PHYSICAL & CHEMICAL CHARACTERISTICS

DESCRIPTION: Sodium Bicarbonate Injection, USP is a sterile, nonpyrogenic, solution of Sodium Bicarbonate in Water for Injection (pH 7.0 - 8.5).

Appearance & Odor - Clear, colorless solution; odorless
Boiling Point - N/A
Solubility in Water - Soluble
Vapor Pressure - N/A

**AMERICAN REGENT, INC.
Subsidiary of Luitpold Pharmaceuticals, Inc.
PO Box 9001
Shirley, New York 11967**

Vapor Density - N/A

AMERICAN REGENT, INC.
Subsidiary of Luitpold Pharmaceuticals, Inc.
PO Box 9001
Shirley, New York 11967

SECTION IV: FIRE & EXPLOSION DATA

Flash Point - N/A

Extinguisher Media - Water spray, carbon dioxide, dry chemical, or foam as appropriate for surrounding fire and materials.

Flammable Limits - (LEL) - N/A
(UEL) - N/A

Unusual Fire and Explosion Hazards - Emits toxic fumes.

Hazardous Decomposition Products - Sodium Bicarbonate emits toxic fumes when heated to decomposition.

Special Fire Fighting Procedures - Firefighters should use self-contained breathing apparatus and protective clothing.

SECTION V: REACTIVITY DATA

Stability - Stable

Conditions/Materials to Avoid - Do not use if a precipitate is present. Exposure to heat may cause decomposition. Do not mix with other drugs.

Hazardous Polymerization - Will not occur

SECTION VI: HEALTH HAZARD DATA

Primary Routes of Exposure - Inhalation, Ingestion, and Skin Absorption.

Toxicity Data

LD₅₀: 4220 mg/Kg oral-rat

Signs and Symptoms of Overexposure

Chemical cellulitis, and tissue necrosis

Emergency & First Aid Procedures

Inhalation: Remove person to fresh air. Remove contaminated clothing. Seek medical attention.

Ingestion: Flush mouth out with water. Seek medical attention.

Skin Contact: Remove contaminated clothing. Flush area with water. Seek medical attention.

Eye Contact: Flush with water. Seek medical attention.

FOR ADDITIONAL INFORMATION, REFER TO THE PRODUCT INSERT.

SECTION VII: PROTECTIVE EQUIPMENT DATA

Ventilation - Local exhaust recommended

Respiratory Protection- N/A, however, NIOSH-approved respirator should be available.

Eye Protection -Safety Goggles

Gloves - Disposable surgical latex gloves

Clothing -Disposable protective apparel (protect exposed skin).

SECTION VIII: STORAGE & HANDLING DATA

Precautions - As a general rule, when handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mists, and/or vapors associated with the product.

Do not mix with other drugs.

SECTION IX: ACCIDENTAL SPILL PROCEDURES/WASTE DISPOSAL DATA

- Containment/Clean-up - Wear recommended personal protective equipment. Vacuum spillage with a vacuum cleaner having a high efficiency particulate (HEPA) filter, or absorb liquid with paper towels. Wipe working surfaces to dryness, then wash with soap and water.
- Waste Disposal - Though not EPA regulated, waste should be disposed of in accordance with federal, state, and local regulations. Do not mix with other substances.

NOTICE: The information contained herein is believed to be complete and accurate. However, it is the user's responsibility to determine the suitability of the information for his or her particular purpose. Luitpold Pharmaceuticals, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on, this information.

This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate. The information is believed to be correct but has not been verified and we cannot, therefore, guarantee its accuracy or completeness or adequacy for all persons and situations or as to the results to be obtained by use of the information. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The user assumes all risks associated with the use of the product; Luitpold Pharmaceuticals, Inc., disclaims any liability arising from use of this information.