



BIOPHARM INC.

SAFETY DATA SHEET

1. Identification:

Product Identifier: Sodium Bicarbonate Reagent Powder, ACS
Product code: BS2072
Synonym(s): Bicarbonate of soda
Recommended use: Manufacture of other chemical products, professional, scientific, and technical activities.
Recommended restrictions: None known.

Manufacturer/Supplier/Distributor Information

Company name: Biopharm Inc.
Address: 187 South Tilley Road
Hatfield, AR 71945
Telephone: (870) 389-6114
Website: www.bphchem.com
E-mail: support@bphchem.com
Emergency phone number: Chemtrec 800-424-9300

2. Hazard(s) identification:

Classification: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Label elements: None required
Signal word: None. (Hazards do not reach threshold required for least severe category.)
Hazard statement: This mixture does not meet the criteria for classification.
Precautionary statement:
Prevention The health effects of this product, which is a mixture of ingredients, have not been investigated.
Response Wash hands after handling.
Storage Store bottles tightly capped and upright. Keep in a cool place away from direct sunlight.
Disposal Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC): None Known.
Supplemental information: None.

3. Composition/information on ingredients

Mixtures

<u>Chemical Name</u>	<u>CAS number</u>	<u>%</u>
Sodium Biocarbonate	144-55-8	100

4. First-aid measures

Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water.
Skin contact:	Wash with warm water and soap. Get medical attention if irritation develops and persists.
Eye contact:	Irrigate with cool running water. If irritation develops, obtain medical care.

5. Fire-fighting measures

Suitable extinguishing media:	Product is not flammable. Use appropriate media for adjacent fire. Cool unopened containers with water.
Unsuitable extinguishing media:	No information available.
Specific hazards arising from the chemical	Emits toxic fumes (oxides of carbon and sodium) under fire conditions.
Special protective equipment and precautions for firefighters	Wear approved self-contained protective clothing.
Fire-fighting equipment/instructions	Any media necessary for extinguishing the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures:	Keep unnecessary personnel away.
Methods and materials for containment and cleaning up:	Wash spill area with soap and water. Prevent further leakage or spillage if safe to do so. Never return spills to original containers for reuse. For waste disposal, see section 13 of the SDS.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

7. Handling and storage

Precautions for safe handling:	Avoid prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities:	Store bottles tightly capped and upright. Keep in a cool place away from direct sunlight. Store away from incompatible materials.

8. Exposure controls/personal protection

Exposure Guidelines:

Engineering measures: Ensure that eyewash stations and safety showers are close to the workstation location.
Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Eye/face protection: Wear protective eyeglasses or chemical safety goggles.

Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance:	White solid
Odor:	Odorless
Odor threshold:	No data available.
Vapor Pressure (mm Hg):	No data available.
Vapor density (Air = 1):	No data available.
pH:	No data available.
Relative density:	No data available.
Melting point/freezing point:	No data available.
Solubility in Water:	Soluble in cold water
Boiling Point (°F):	No data available.
Flash point:	No data available.
Evaporative Rate (H₂O = 1):	No data available.
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit - lower	No data available.
Flammability limit - upper	No data available.
Explosive limit - lower	No data available.
Explosive limit - upper	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Other information:	
Specific Gravity (H₂O = 1):	No data available.
Percent Volatile by Volume:	No data available.

10. Stability and reactivity

Reactivity:	Product is stable and non-reactive under ordinary conditions of use, storage and transport.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Moisture. Stable in dry air, but slowly decomposes in moist air.
Incompatible materials:	Strong oxidizing agents, strong acids.
Hazardous decomposition products:	Carbon oxides, sodium oxides.

11. Toxicological information

Information on likely routes of exposure:

Ingestion:	Not available
Inhalation:	Not available
Skin Contact:	Not available
Eye Contact:	Not available

Information on toxicological effects

Acute toxicity

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.
Respiratory Sensitization	No data available.
Skin sensitization	No data available.
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH or OSHA.
Mutagenic effects	No data available.
Reproductive effects	No data available.
STOT – single exposure	No data available.
STOT – repeated exposure	No data available.
Aspiration hazard	No data available.
Chronic effects	No data available.

12. Ecological information

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulation/ Accumulation:	No data available

Mobility in soil: No data available
Other adverse effects: No data available

13. Disposal considerations

Waste disposal methods: To be performed in compliance with all current local, state and federal regulations. Spills onto sand, soil, or other absorbent may be handled by placing the affected soil into approved containers then label and store for proper treatment or disposal.

14. Transport information

DOT: Not regulated as dangerous goods.

15. Regulatory information

U.S. Federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not listed
U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed
CERCLA Hazardous Substances List (40 CFR 302.4)	Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard – No
	Delayed Hazard – No
	Fire Hazard – No
	Pressure Hazard – No
	Reactivity Hazard – No

Other Federal regulations

Clean Air Act	Not applicable
Clean Water Act	Not applicable
California Prop 65	This product does not contain any Proposition 65 chemicals.

16. Other information, including date of preparation or last revision

Revision date March 10, 2026

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