







MATERIAL SAFETY DATA SHEET		
Name of product : SODIUM BICARBONATE	Page	1 of 6
	Revision no .	00
Document number : SNP/MSDS-46	Effective date :	02-05-2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking
<p>1.1 Product identifiers Product name : Sodium Hydrogen Carbonate CAS-No. : 144-55-8</p> <p>1.2 Relevant identified uses of the substance or mixture and uses advised against Identified uses : Laboratory chemicals, Industrial & for professional use only.</p> <p>1.3 Details of the supplier of the safety data sheet Company : Sujata Nutri-Pharma Pvt.Ltd. 875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India Telephone : 0265-3500351 Website : www.sujatanutripharma.com Email : info@sujatanutripharma.com</p> <p>1.4 Emergency telephone number Emergency telephone : 02652630282 (9:00 to 6:00) office hours only</p>
SECTION 2: Hazards identification
<p>2.1 Classification of the substance or mixture Not a hazardous substance or mixture. This substance is not classified as dangerous according to Directive 67/548/EEC.</p> <p>2.2 Label elements The product does not need to be labelled in accordance with EC directives or respective national laws.</p> <p>2.3 Other hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p>
SECTION 3: Composition/information on ingredients
Synonyms : Sodium hydrogen carbonate Formula : CHNaO3 Molecular weight : 84,01 g/mol CAS-No. : 144-55-8 EC-No. : 205-633-8
Section 4: First Aid Measures
<p>4.1 Description of first aid measures</p> <p>If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.</p> <p>In case of skin contact Wash off with soap and plenty of water.</p> <p>In case of eye contact</p>

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MATERIAL SAFETY DATA SHEET		
Name of product : SODIUM BICARBONATE	Page	2 of 6
	Revision no .	00
Document number : SNP/MSDS-46	Effective date :	02-05-2022

<p>Flush eyes with water as a precaution.</p> <p>If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water.</p> <p>4.2 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11</p> <p>4.3 Indication of any immediate medical attention and special treatment needed No data available</p>
SECTION 5: Fire fighting measures
<p>5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</p> <p>5.2 Special hazards arising from the substance or mixture Carbon oxides, Sodium oxides</p> <p>5.3 Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.</p> <p>5.4 Further information No data available</p>
SECTION 6: Accidental release measures
<p>6.1 Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.</p> <p>6.2 Environmental precautions No special environmental precautions required.</p> <p>6.3 Methods and materials for containment and cleaning up Sweep up and shovel. Keep in suitable, closed containers for disposal.</p> <p>6.4 Reference to other sections For disposal see section 13.</p>
Section 7: Handling and Storage
<p>7.1 Precautions for safe handling Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.</p> <p>7.2 Conditions for safe storage, including any incompatibilities Store at ambient/room temperature away from sunlight in a tightly closed condition.</p> <p>7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated</p>
Section 8: Exposure Controls/Personal Protection
<p>8.1 Control parameters Components with workplace control parameters</p>

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SUJATA NUTRI-PHARMA PVT. LTD.
875/2, GIDC Estate, Makarpura, Vadodara-390010

MATERIAL SAFETY DATA SHEET

Name of product : SODIUM BICARBONATE	Page 3 of 6
Document number : SNP/MSDS-46	Revision no . 00
	Effective date : 02-05-2022

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- a) Appearance Form: powder
- b) Odour No data available
- c) Odour Threshold No data available
- d) pH No data available
- e) Melting point/freezing 300 °C point
- f) Initial boiling point and No data available boiling range
- g) Flash point No data available
- h) Evaporation rate No data available
- i) Flammability (solid, gas) No data available
- j) Upper/lower No data available flammability or explosive limits
- k) Vapour pressure No data available
- l) Vapour density No data available
- m) Relative density 2,160 g/cm³
- n) Water solubility 50 g/l
- o) Partition coefficient: n- No data available

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MATERIAL SAFETY DATA SHEET

Name of product : SODIUM BICARBONATE	Page 4 of 6
Document number : SNP/MSDS-46	Revision no . 00
	Effective date : 02-05-2022

octanol/water

- p) Auto-ignition No data available
temperature
- q) Decomposition No data available
temperature
- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available

9.2 Other safety information

No data available

Section 10 : Stability and Reactivity Data

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Exposure to moisture

10.5 Incompatible materials

Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - No data available In the event of fire: see section 5

Section 11 : Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 4.220 mg/kg

Skin corrosion/irritation

Skin - Human

Result: Mild skin irritation - 3 d

Serious eye damage/eye irritation

Eyes - Rabbit

Result: Mild eye irritation - 30 s

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

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MATERIAL SAFETY DATA SHEET		
Name of product : SODIUM BICARBONATE	Page	5 of 6
	Revision no .	00
Document number : SNP/MSDS-46	Effective date :	02-05-2022

probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: VZ0950000

Exposure to large amounts can cause:, Gastrointestinal disturbance, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 : Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

Section 13 : Disposal Considerations

13.1 Waste treatment methods




Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging




Dispose of as unused product

Section 14 : Transport Information

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	Revision no .	00
Document number : SNP/MSDS-46	Effective date :	02-05-2022

<p>14.1 UN number ADR/RID: -</p> <p>14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods</p> <p>14.3 Transport hazard class(es) ADR/RID: -</p> <p>14.4 Packaging group ADR/RID: -</p> <p>14.5 Environmental hazards ADR/RID: no</p> <p>14.6 Special precautions for user No data available</p>
Section 15: Other Regulatory Information
<p>IMDG: - IATA: - IMDG: - IATA: - IMDG: - IATA: - IMDG Marine pollutant: no IATA: no</p> <p>This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.</p> <p>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture No data available</p> <p>15.2 Chemical Safety Assessment For this product a chemical safety assessment was not carried out</p>
Section 16 : Other Information
<p>Revision no: 00 Revision date: 02-05-2022 Other information: None</p> <p>Further information The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.</p>

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