



SAFETY DATA SHEET SODIUM BICARBONATE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	SODIUM BICARBONATE
Product number	Z5600
REACH registration number	01-2119451606-32-XXXX
CAS number	144-55-8
EC number	205-633-8

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	General Purpose Powder
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1.3. Details of the supplier of the safety data sheet

Supplier	IDEAL MANUFACTURING LTD. ATLAS HOUSE, BURTON ROAD FINEDON, WELLINGBOROUGH NORTHANTS. NN9 5HX 01933 681616 24hr Emergency number 0207 858 1228 01933 681042 hello@idealmanufacturing.com
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

EC number	205-633-8
Hazard statements	NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments	None of the ingredients are required to be listed.
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SECTION 4: First aid measures

SODIUM BICARBONATE

4.1. Description of first aid measures

General information	No special treatment required.
Inhalation	Move into fresh air and keep at rest. Get medical attention if any discomfort continues.
Ingestion	Immediately rinse mouth and drink plenty of water (200-300 ml). Never give liquid to an unconscious person. Do not induce vomiting. If in doubt, get medical attention promptly.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

4.2. Most important symptoms and effects, both acute and delayed

General information	See Section 11 for additional information on health hazards.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use media appropriate for surrounding fire The product is non-combustible.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Oxides of carbon.
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5.3. Advice for firefighters

Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid inhalation of dust. Avoid contact with skin, eyes and clothing.
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6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with local regulations.
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6.4. Reference to other sections

Reference to other sections	See Section 1 for emergency contact information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid breathing dust. Avoid contact with eyes.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store at moderate temperatures in dry, well ventilated area.
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7.3. Specific end use(s)

SODIUM BICARBONATE

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment

Hygiene measures Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

Environmental exposure controls Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder.
Colour	White
Odour	No characteristic odour.
pH	pH (concentrated solution): 8.0 - 9.0
Flash point	Not applicable.
Flammability (solid, gas)	Not applicable.
Vapour pressure	Not applicable.
Bulk density	$\geq 1.200 \text{ kg/m}^3$
Viscosity	Not applicable.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products No specific hazardous decomposition products noted.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

SODIUM BICARBONATE

Toxicological effects No data recorded.

SECTION 12: Ecological information

Ecotoxicity No negative effects on the aquatic environment are known.

12.1. Toxicity

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulative potential Not expected to bioaccumulate

12.4. Mobility in soil

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not Applicable

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General Not dangerous goods for ADR, RID, IMDG and IATA

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 23/10/2019

Revision 01

SDS number Z5600