



MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Sodium Bicarbonate.
Synonyms: Bicarbonate of Soda.
SUPPLIER: The Soap Kitchen,

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: CHEMICAL. Sodium Bicarbonate.
CAS No: 144-55-8 Status: CoE No: FEMA:
Additives: None FDA: IFRA: Formula:
RIFM: EINECS: RTECS: FCCIV:
INCI name:

3. HAZARDS IDENTIFICATION:

Low health hazards in normal conditions of handling and use.

4. FIRST-AID MEASURES:

INHALATION: Mild irritation of breathing passages.
TREATMENT: Remove from exposure. Rest and keep warm. In severe cases or if recovery is not rapid or complete, seek medical attention.
EYE CONTACT: Mild irritation.
TREATMENT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
SKIN CONTACT: Mild mechanical irritation.
TREATMENT: Remove contaminated clothing, rinse skin with plenty of water.
INGESTION: Mild gastrointestinal disturbance.
TREATMENT: Wash out mouth with water. Do not induce vomiting. If patient is conscious give plenty of water to drink. If patient feels unwell seek medical attention.
IMMEDIATE TREATMENT/ANTIDOTE: Symptomatic treatment.

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA Use water fog, carbon dioxide, foam or dry chemical..
SPECIAL MEASURES: Avoid inhalation of toxic fumes. Use NIOSH approved and full protective equipment when fighting chemical fire. Use water spray to cool nearby exposed to fire.
EXTINGUISHING PROCEDURES: Material does not burn. Excessive heat may cause production of hazardous decomposition products.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Wear appropriate PPE. See section 8.
ENVIRONMENT PRECAUTIONS: Avoid creating dusts. Ensure good ventilation.
CLEAN UP PROCEDURE Vacuum or sweep up and place in suitable labelled containers. Hold for waste disposal.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Ensure good general ventilation. Avoid inhaling dusts. Avoid contact with eyes and skin.
STORAGE CONDITIONS:	Store in cool, dry conditions at ambient temperature.
SUITABLE CONTAINERS:	Store in original containers.
KEEP AWAY FROM:	See section 10.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Type approved RPE for dusts if required.
SKIN PROTECTION:	Rubber or plastic gloves. Lightweight overalls
EYE PROTECTION:	Use safety glasses/goggles.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling. Do not eat, drink or smoke around this product.

9. PHYSICAL & CHEMICAL PROPERTIES.

APPEARANCE:	Free-flowing, white crystalline powder.
FLASH-POINT °C:	Not flammable
SOLUBILITY IN WATER:	9.5% @ 25 °C.
DENSITY:	0.98g/ml

10. STABILITY & REACTIVITY.

STABILITY:	Stable in normal conditions.
MATERIALS TO AVOID:	Acids.
CONDITIONS TO AVOID:	Moisture.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION.

Mild irritation to eyes, Mild irritation to skin and if inhaled.

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Easily degradable
MOBILITY:	Soluble in water.
AQUATIC TOXICITY:	Practically non-toxic to fish.

13. DISPOSAL CONSIDERATIONS.

RECOMMENDATIONS:	Can be eliminated with domestic garbage on condition it complies with local regulations.
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14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
Air (IATA):	n/a
SEA (IMDG)	n/a

15. REGULATORY INFORMATION.

LABEL REQUIRED:	Yes.
LABEL NAME:	Sodium Bicarbonate.
HAZARDS:	n/a
SYMBOLS:	n/a
RISK PHRASES:	n/a
SAFETY PHRASES:	n/a

16. OTHER INFORMATION.

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.