

Ningbo SUNNUO Houseware Products Co.,Ltd

Safety Data Sheet

Product Name: Sodium Bicarbonate

Prepared according to GB/T 17519

Revision date: /

Number: SDS25001

First prepared: 2025.09.15

Version: 1.0

Part I Chemicals and Enterprise Identification

Chemical Chinese name: 除味剂
Chemical name or trade name: baking soda, sodium bicarbonate
Chemical name: Sodium Bicarbonate
Company name: Ningbo SUNNUO Houseware Products Co.,Ltd
Address: 4th Floor, No.32 Jinying Road, Ninghai County, Ningbo City, Zhejiang Province
Postal code: 518116
Email address: 2353650857@qq.com
fax NO :
Emergency number: 86-18698575852
Effective Date: September 15, 2025
National emergency telephone: Accident emergency rescue 86-755-89889919, fire 119

Part II Overview of Risks

GHS classification: not classified as dangerous goods.
GHS label elements:
Pictographs: None.
Signal words: None
Hazard statement: None
Other hazards: decomposition at high temperatures or contact with acids, releasing carbon dioxide gas. Large amounts of dust may have slight irritation to the respiratory tract.

Component/Composition Information Part 3

<input type="checkbox"/> Pure	<input checked="" type="checkbox"/> Mixture	
Chemical name: deodorant		
component	concentration range	CAS No.
NaHCO ₃	99%	144-55-8
Lavender Fragrance (Blend)	1%	See Supplementary Document

Part IV. Emergency Measures

Skin contact: Remove contaminated clothing and rinse with plenty of running water. Seek medical attention if necessary.
Eye contact: Immediately separate the eyelids and thoroughly rinse with running water for 5-10 minutes. Seek medical attention if necessary.
Inhale: Transfer to a fresh air place quickly to keep the airway clear; if breathing is difficult, oxygen, if unable to breathe, artificial respiration immediately, and seek medical attention quickly.
Eat: Drink plenty of warm water, do not induce vomiting. If you feel unwell, seek medical attention. If you eat a lot, seek medical attention immediately.
Advice to protect rescuers: wear a dust mask and self-contained breathing apparatus when entering the scene of the accident.
Special note to physicians: Physicians should make their own judgment to control symptoms and clinical conditions according to individual patient response.

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Part V Fire Measures

Hazardous characteristics: decomposition on heat. No special combustion and explosion characteristics.
Special hazard: The product itself is not combustible, but decomposes at high temperatures ($> 50^{\circ}\text{C}$), producing carbon dioxide and sodium carbonate. Carbon dioxide may cause local hypoxia.
Fire extinguishing methods and extinguishing agents: water, foam, carbon dioxide or dry powder fire extinguishers can be used.
Precautions for fire extinguishing: Move the container from the fire to an open area as far as possible. Firefighters should wear self-contained breathing apparatus and collect the waste after fire extinguishing.

Part VI. Contingency Response to Leaks

Emergency Response: Isolate the contaminated area and restrict access. Emergency responders should wear full-face respirators and standard protective clothing. Avoid stirring up dust – carefully sweep contaminants into bags and transfer to a safe location. For large spills, cover with plastic sheeting or canvas. Collect and recycle materials or transport to certified waste treatment facilities for disposal.

Part VII Handling and Storage

Operating Precautions: Conduct operations in a closed system with enhanced ventilation. Operators must receive specialized training and strictly adhere to safety protocols. Personnel should wear self-priming filter dust masks and chemical safety goggles. Prevent dust generation during handling. Avoid contact with oxidizers and acids. Handle with care to prevent damage to packaging and containers. Equip with leak response equipment. Empty containers may contain residual hazardous materials.
Storage precautions: Store in a cool, dry, well-ventilated warehouse. Keep away from sources of ignition and heat. Keep containers sealed. Store separately from oxidizers and acids. Do not store together. The storage area should have appropriate materials to contain spills.

Part VIII: Contact Control/individual Protection

Maximum allowable concentration: no data.
Monitoring method: no data.
Engineering control: The production process is closed and ventilated.
Respiratory protection: It is recommended to wear a self-suction filter dust mask or gas mask.
Eye protection: Wear protective glasses.
Body protection: Wear protective work clothes.
Hand protection: chemical or protective gloves.
Sanitation measures: smoking, eating and drinking are prohibited on the work site. After work, wash thoroughly and maintain good hygiene habits.

Part IX Physical and Chemical Properties

Appearance and characteristics: white powder or crystal.	
pH value: 5-7.	
Melting point($^{\circ}\text{C}$): 270.	Relative density(water =1): 2.20(25 $^{\circ}\text{C}$).
Boiling point ($^{\circ}\text{C}$): data unavailable.	Relative steam density(air = 1): no data.
Saturated vapor pressure (kPa): no data.	Combustion heat (kJ/mol): not applicable
Critical temperature ($^{\circ}\text{C}$): data unavailable.	Critical pressure (MPa): no data.
Logarithm of solvent/water partition coefficient: no data.	
Flash ($^{\circ}\text{C}$): no information.	Explosive limit% (V/V): no data.
Ignition temperature ($^{\circ}\text{C}$): no data.	Lower explosive limit (%) (V/V): no data.
Solubility: Soluble in water.	

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Part X Stability and Reactivity

Stability: stable at room temperature and pressure. Decomposes easily under heat, slowly decomposes in humid air, producing carbon dioxide, about 50°C decomposition begins, heating to 270°C complete decomposition.
Dangerous reactions: None.
Incompatible substances: strong oxidant, strong acid and strong alkali.
Conditions to avoid contact: high temperature and humid air.
Decomposition products: sodium carbonate, carbon dioxide and water.

Part XI Toxicological Data

Acute toxicity: oral LD50 in rats: 4220mg/kg; oral LD50 in mice: 3360mg/kg. It is generally considered to be non-toxic in practice.
Skin irritation or corrosion: generally considered to be non-irritating to the skin.
Eye irritation or corrosion: The dust may cause mechanical irritation.
Respiratory or skin allergy: Long-term irritation of the nasal cavity, mouth and throat can also cause nosebleeds and damage to nasal tissue, and allergic reactions may occur in special groups.
Mutations in germ cells: no information available.
Carcinogenicity: no information available.

Part XII: Ecological Data

Ecotoxicity: low toxicity to aquatic organisms.
Degradability: easy to biodegrade.
Bioaccumulation or bioconcentration: no bioaccumulation.
Mobility in soil: no information available.

Part XIII: Disposal of Wastes

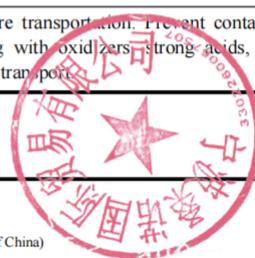
Waste chemicals: treated in accordance with local, national and international regulations. Consideration may be given to recycling or using them to neutralize acidic wastes.
Polluted packaging: dispose according to national and local laws and regulations.
Precautions for waste disposal: Before waste disposal, please refer to relevant national and local laws and policies in detail to avoid pollution.

Part XIV. Transport Information

Dangerous goods code: Not dangerous goods, no UN number.
Transportation name: deodorant.
Marine pollutants(yes/no): No.
Transport hazard class: Non-restrictive goods.
Packaging method: soft packaging, carton.
Transportation precautions: Maintain packaging integrity during loading and ensure secure transportation. Prevent containers from leaking, collapsing, falling, or sustaining damage throughout transit. Strictly avoid mixing with oxidizers, strong acids, or caustic substances. Protect containers from direct sunlight, rain exposure, and high temperatures during transportation.

Part XVII Regulatory Information

Regulatory information: Regulations on the Safety Management of Hazardous Chemicals (Decree No.591 of The State Council of the People's Republic of China) Regulations on Safe Use of Chemicals in Workplace [1996] Labor Department No.423
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General Rules for Classification and Hazardity of Chemicals (GB13690-2009)

Law of the People's Republic of China on Prevention and Control of Occupational Diseases (Presidential Decree No.60 of the People's Republic of China)

Catalogue of Dangerous Goods (GB12268-2012)

Classification and Name Number of Dangerous Goods (GB6944-2012)

"Technical Specifications for the Preparation of Hazardous Chemicals" (GB13690-2008)

Part XVI. Other Information

Reference: GB/T 17519-2013 Guidelines for the Preparation of Chemical Safety Technical Instructions.

First compiled: September 15, 2025

Compiled unit: Ningbo Sangnuo household goods Co., LTD

Disclaimer: This SDS is intended exclusively for the specified product. Unless otherwise expressly stated, it does not apply to mixtures with other substances. This document provides safety information for the product only to personnel who have received appropriate professional training. Users of this SDS must exercise independent judgment regarding its applicability under specific conditions. The authors shall not be held liable for any injuries resulting from the use of this SDS in exceptional circumstances.

Preparation and revision of information: This is the first time that it has been prepared.