

CLP SDS-- BAKING SODA

SECTION 1: IDENTIFICATION

Product Identifier

Product form: Substance

Substance name: Baking Soda

CAS NO.: 144-55-8

Formula: NaHCO₃

EINECS number: 205-633-8

Synonyms: Sodium Bicarbonate; Carbonic acid monosodium salt.

Intended Use Of The Product

Use of the substance/mixture: Educational and science kits.

Name, Address, And Telephone Of Manufacturer/Supplier

XinXiang Alpha Manufacturing Ltd.

West Of Beihuan Road, Muye District, Xinxiang City, Henan Province, China

PostCode: 453003

E-mail: winni@chinaalpha.net

Emergency telephone No.: 86-373-2515705.

Vendor : BUKI France – 22 rue du 33e mobiles 72000 Le Mans France

Item number :2166 – Rocket Science

SECTION 2: HAZARDS IDENTIFICATION

.2.1.1 Classification according to regulation(EC)1272/2008:

The product is not classified according to CLP Regulation.

Regulation (EC)No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

.2.1.2Label elements

CLP Labelling : No labeling applicable

Hazard pictograms(CLP) : Not applicable

Signal word(CLP): Not applicable

Hazard statements(CLP) : Not applicable

Precautionary statements: Not applicable

.2.1.3 Potential Health Effects

Inhalation : May be harmful if inhaled. May cause respiratory tract irritation.

Skin : Not expected to be harmful under normal conditions of use.

Eyes : May cause eye irritation when contact directly.

Ingestion : May be Harmful if swallowed

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Name : Blue baking soda

Name	Product Identifier	%
Sodium bicarbonate	(CAS No.)144-55-8	100

SECTION 4: FIRST AID MEASURES

Description of first aid measures

First-aid measures after inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

First-aid measures after skin contact:

Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

First-aid measures after eye contact:

Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally.

First-aid measures after ingestion:

Rinse mouth with plenty of water. Never give anything by mouth to an unconscious person. Contact a physician.

Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIREFIGHTING MEASURES**Extinguishing media****Suitable extinguishing media:**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides expected to be the primary hazardous combustion product.

Advice for firefighters

Precautionary Measures Fire: Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

General Measures: Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and material for containment and cleaning up

Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for safe storage, including any incompatibilities

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

No additional information available.

Exposure controls

Appropriate Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection

Respiratory protection is not required under normal usage.

Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Hand protection

Hand protection is not required under normal usage. Wash with water and soap and rinse thoroughly after use.

Eye protection

Eye protection is not required under normal usage.

Skin and body protection

Skin and body protection is not required under normal usage. Wash with water and soap and rinse thoroughly after use.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from foodstuffs, beverages and food.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State : Powder

Colour : White, crystalline powder

Odor : Odorless
Odour Threshold : Not available
pH : 8.2 (1% Solution)
Melting point/freezing point : Not available
Boiling point : Not available
Flash point : Not available
Ignition temperature : Not available
Autoignition temperature : Not available
Lower flammable limit : Not available
Upper flammable limit : Not available
Vapour pressure : Not available
Density : No data available
Solubility : Water: 8.6 g/100ml @ 20 °C (68 °F)
Partition coefficient n-octanol/water : No data available
Evaporation rate : No data available
Explosion Data – Sensitivity to Mechanical Impact : No data available
Explosion Data – Sensitivity to Static Discharge : No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity : No data available.

Chemical Stability : Decomposes slowly on exposure to water (moisture).

Possibility Of Hazardous Reactions : Hazardous polymerization will not occur.

Conditions To Avoid : Excessive temperature, other sources of ignition, and moisture

Incompatible Materials : Strong oxidizers

Hazardous Decomposition Products : No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity :

No data available.

Skin corrosion/irritation : No data available.

Serious eye damage/irritation : No data available.

Respiratory or skin sensitisation : No data available.

Germ cell mutagenicity: No data available.

Teratogenicity: No data available.

Carcinogenicity : Not classified

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.

Potential health effects:

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SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish

No data available.

Persistence and degradability : No data available.

Bioaccumulative potential : No data available.

Mobility in soil : No data available.

PBT and vPvB assessment : No data available.

Other adverse effects : No data available.

Additional ecological information : No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

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

Contaminated packaging

Disposal must be made according to official regulations.

SECTION 14: TRANSPORTATION INFORMATION

UN-Number (DOT, ADN, IMDG, IATA)

Not a dangerous goods.

UN proper shipping name (DOT, ADN, IMDG, IATA)

Not regulated.

Transport hazard class(es) (DOT, ADR, ADN, IMDG, IATA Class)

Not applicable.

Packing group (DOT, IMDG, IATA)

Not applicable.

Environmental hazards

Not applicable.

Special precautions for user

Not applicable.

SECTION 15: REGULATORY INFORMATION

OSHA Hazards

No more information.

TSCA Status

No more information.

SARA 302 Components

No more information.

SARA 313 Components

No more information.

SECTION 16: OTHER INFORMATION

Further information

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. We provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. We urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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