

GHS SDS--SODIUM CARBONATE

SECTION 1: IDENTIFICATION

Product Identifier

Product form: Substance

Substance name: Sodium Carbonate

CAS NO.: 497-19-8

Formula: NA₂CO₃

EINECS: 231-861-5

Synonyms: Soda

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.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS-EU classification :

Eye Irrit.2A

H319

Label elements

GHS-EU Labelling :



Hazard pictograms(GHS-EU) :GHS07

Signal word(GHS-EU): Warning

Hazard statements(GHS-EU) :

H319 Causes serious eye irritation

Precautionary statements:

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses,if present and easy to do-continue rinsing.

Other hazards

No additional information available.

Unknown Acute Toxicity (GHS-EU)

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Name : Sodium Carbonate

CAS No : 497-19-8

Name	Product Identifier	%	GHS-EU classification
Sodium Carbonate	(CAS No.)497-19-8	100	Eye Irrit.2A, H319

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

First-aid measures after inhalation:

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.

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:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if irritation develops or persists.

First-aid measures after ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media:

For surrounding fire: Use of heavy stream of water may spread fire.

Special hazards arising from the substance or mixture

Fire Hazard: NOT FLAMMABLE . Under fire conditions, hazardous fumes will be present.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

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.

Hazardous Combustion Products: Boron oxide, Sodium oxides.

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

Dispose of contaminated materials as waste according to Section 13.

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

Use personal protective equipment. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep away from acids, water and lime.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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

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

Safety glasses.

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 : Solid powder

Colour : White, crystalline powder

Odor : None

Odour Threshold : Not available

pH : Not available

Melting point/freezing point : 851 °C/Not available

Boiling point : 1600 °C

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: 22g/100ml @ 20 °C (68 °F)

Partition coefficient n-octanol/water : No data available

Evaporation rate : No data available

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact.

Explosion Data – Sensitivity to Static Discharge : Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity : Hazardous reactions will not occur under normal conditions.

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

Possibility Of Hazardous Reactions : Hazardous polymerization will not occur.

Conditions To Avoid : Exposure to moisture or moist air. Temperatures above 150°F (65 °C).

Incompatible Materials : Acids. Water. Lime.

Hazardous Decomposition Products : None known. At high temperature may liberate toxic gases.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity : No data available.

Skin corrosion/irritation : No data available.

Serious eye damage/irritation : Irritating to eyes

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: ECOLOGICAL INFORMATION

Toxicity : No additional information available.

Persistence and degradability:

No further relevant information available.

Bioaccumulative potential : No further relevant information available.

Mobility in soil : Not available

PBT and vPvB assessment : Not available

Other adverse effects Not available

Additional ecological information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Consult state, local or national regulations to ensure proper disposal.

Contaminated packaging

Disposal must be made according to official regulations.

SECTION 14: TRANSPORTATION INFORMATION

In accordance with DOT : Not regulated for transport.

In accordance with IMDG : Not regulated for transport.

In accordance with IATA : Not regulated for transport.

In accordance with TDG : Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

US Federal & International Regulations

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Neither this product nor its chemical components appear on any US state lists.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION

HMIS III Rating

Health: 0 Minimal hazard.

Flammability: 0 Minimal hazard.

Physical: 0 Minimal hazard.

NFPE Rating

Health hazard: 0 Minimal hazard.

Fire hazard: 0 Minimal hazard.

Reactivity hazard: 0 Minimal hazard.

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.

新乡市阿尔发实业有限公司
XinXiang Alpha Manufacturing Ltd

2021-3-12