
Material Safety Data Sheet

Product Name	<u>Sodium Carbonate Anhydrous</u>
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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF
THE COMPANY/UNDERTAKING**

1.1. Product Identification:**Product Name:** Sodium Carbonate Anhydrous**Synonyms:** Crystal Carbonate, Disodium Carbonate, Sal Soda, Soda Asha, Washing Soda**CAS-No:** 497-19-8**EC-No.:** 207-838-8**Catalog Codes:** 11560, 21560**RTECS:** VZ405000**TSCA:** TSCA 8(b) inventory: Sodium Carbonate**CI#:** Not Available**Molecular Formula:** Na₂CO₃**REACH Registration No:** Not Available**1.2. Relevant identified uses of the substance or mixture and uses advised against:****Identified Uses:** Laboratory chemicals, Manufacture of substances**1.3. Details of the supplier of the safety data sheet:**

- **Company** **Finar Limited**
184-186/P, Chacharwadi Vasna,
Sarkhej-Bavla Highway,
Ta: Sanand, Dist.: Ahmedabad,
Email: info@finarchemicals.com
Web: www.finarchemicals.com
- **E-mail Address** safety@finarchemicals.com;
info@finarchemicals.com

1.4. Emergency Telephone Number:

- For Emergency Contact No: +91 - 2717 - 616 717
- Registered office No: +91 - 79 - 40040085

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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Physical Hazards: Not Classified

Health Hazards:

Eye Irritation, Category 2, H319

Environmental Hazards: Not Classified

2.2 Label Elements:

- Hazard Pictograms** :



- Signal Word** : Warning
- Hazard Statements** : H319 Causes Serious Eye Irritation

Precautionary Statements - Prevention:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statement - None

2.3 Other Hazards:

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII: No.

P: Not Available. B: Not Available. T: No.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII: Not Available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: Sodium Benzoate – CAS No. – 497-19-8

3.2 Mixtures:

Component	CAS-No	EC-No.	Weight %
Sodium Carbonate Anhydrous	497-19-8	207-838-8	100%

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SECTION 4: FIRST AID MEASURES**4.1 Description of First Aid Measures:**

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

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Swallowing: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed:

Not Available

SECTION 5: FIRE FIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO_x)

5.3 Special Protective Equipment for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

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5.4 Further Information (Precautions)

The product itself does not burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

For personal protection see section 8.

6.2 Environmental precautions:

Do not let products enter drains.

6.3 Methods and material for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:

Disposal considerations: see section 13

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Components with workplace control parameters

8.2 Exposure Controls:

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

Personal Protective Equipment:

- **Eye/face protection:** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- **Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
- **Body Protection:** Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- **Respiratory Protection:** Where risk assessment shows air-purifying respirators are appropriate use a full face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- **Control of Environmental Exposure:** Do not let product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state and appearance: White Solid (Solid Powder)

Odour: Odourless

Odour Threshold: Not Available

Taste: Alkaline

Color: White

pH (1% soln/Water): 11.5 (Basic)

Boiling Point: Not Available

Molecular Weight: 144.11 g/mol

Melting Point: 851°C (1563.8°F)

Critical Temperature: Not Available

Specific Gravity: Density: 2.532 (Water = 1)

Vapor Pressure: Not Applicable

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Vapor Density: Not Available

Relative Density: 1.440 g/cm³

Partition coefficient (n-octanol/water): log Pow: -2.13

Ionicity (in Water): Not Available

Dispersion Properties: See solubility in water

Solubility: Soluble in hot water, glycerol. Partially soluble in cold water. Insoluble in acetone, alcohol.

9.2 Other information:

Not Available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not Available

10.2 Chemical Stability: Stable under recommended storage conditions

10.3 Possibility of Hazardous Reactions: Not Available

10.4 Conditions to Avoid: Not Available

10.5 Incompatible Materials: Strong acids, Aluminium

10.6 Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions. -

Carbon oxides, Nitrogen oxides (NO_x)

Other decomposition products - No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Product Information:

Toxicology data for the components:

LD50 Oral	LD50 Dermal	LC50 Inhalation
2800 mg/kg (Rat)	> 2000 mg/kg (rabbit)	2.3 mg/l 2h (Rat)

Toxicologically Synergistic Products: Not Available

Acute toxicity: Not Available

Skin corrosion/irritation: Not Available

Serious eye damage/eye irritation: Not Available

Respiratory or skin sensitization: Not Available

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Germ cell mutagenicity: Not Available

Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: Not Available

Specific target organ toxicity - single exposure: Not Available

Specific target organ toxicity - repeated exposure: Not Available

Aspiration hazard: Not Available

Additional Information: RTECS: Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Aquatic Toxicity: Not Available

12.2 Persistence and degradability Persistence:

Soluble in water Persistence is unlikely based on information available.

12.3 Bio Accumulative Potential:

Not Available

12.4 Mobility in soil: Will likely be mobile in the environment due to its water solubility.

12.5 Results of PBT and vPvB Assessment:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other Adverse Effects:

Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Methods:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

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SECTION 14: TRANSPORT INFORMATION

	Land Transport (ADR/RID)	Air Transport (IATA)	Sea Transport (IMDG)
14.1 UN number	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of transport regulations.
14.2 Proper shipping name			
14.3 Class			
14.4 Packing group			
14.5 Environmentally hazardous			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Relevant			

SECTION 15: REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

International Chemical Weapons Convention : Neither banned nor restricted
(CWC) Schedules of Toxic Chemicals and Precursors

REACH - Restrictions on the manufacture, : Neither banned nor restricted
placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

Regulation (EC) No 649/2012 of the European : Neither banned nor restricted
Parliament and the Council concerning the export and import of dangerous chemicals

REACH - Candidate List of Substances of Very : This product does not contain
High Concern for Authorisation (Article 59) substances of very high concern

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(Regulation (EC) No1907/2006
(REACH), Article 57).

This product contains a substance listed on Annex XIV of the REACH Regulation (EC) Nr. 1907/2006.

Listed substance / Sunset Date:

After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate.

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Neither banned nor restricted

Regulation (EC) No 850/2004 on persistent organic pollutants : Neither banned nor restricted

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Legend:**

CAS - Chemical Abstracts Service , TSCA - United States Toxic Substances Control Act Section 8(b) Inventory , EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances, RPE - Respiratory Protective Equipment, LD50 - Lethal Dose 50%, LC50 - Lethal Concentration 50%, EC50 - Effective Concentration 50%, Water, PBT - Persistent, Bio accumulative, Toxic, vPvB - very Persistent, very Bio accumulative, ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road, ICAO/IATA - International Civil Aviation Organization/International Air Transport Association, OECD - Organization for Economic Co-operation and Development, ATE - Acute Toxicity Estimate.

References: Not available

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Created: 25/11/2019

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