



101,102 Jayesh Bldg., Waliv, Vasai (E)-401 208, Maharashtra, India

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SODIUM CARBONATE FCC MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name : Sodium Carbonate, Anhydrous FCC

CAS# : 497-19-8

FSSAI Lic. No.: 11519019000530

Contact Information:

U.S.Steriles

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Palghar-401 208, Maharashtra, India

Section 2: Composition and Information on Ingredients

Name	CAS #	% by Weight
Sodium Bicarbonate, Anhydrous	497-19-8	100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

Suggested NFPA ratings:

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
1	0	0	B

Section 4: First Aid Measures

First-aid measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after Eye Contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after Skin Contact: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention.

First-aid measures after Inhalation: Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

First-aid measures after Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Section 5: Fire and Explosion Data

Suitable Extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	Do not use a heavy water stream.
Fire Hazard	Not combustible.
Explosion Hazard	Not applicable.
Reactivity in case of fire	Reacts with (some) acids.

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

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



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Section 6: Accidental Release Measures

Emergency procedures: Evacuate unnecessary personnel.

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures: Wash exposed skin thoroughly after handling.

Storage: Keep only in the original container in a cool, well ventilated place away from: incompatible materials. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

Section 8: Exposure Controls/Personal Protection

Appropriate engineering controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Gloves. Safety glasses.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Respiratory protection not required in normal conditions. Dust production: dust mask with filter type P3

Other information: Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

Physical state and appearance	Solid White powder or lumps.
Odor	Odourless
Odor threshold	No data available
pH(5% w/v Solution)	11.6
Molecular Weight	106.0 g/mol
Color	White.
Boiling Point	1600 °C
Melting Point	Not available
Freezing point	Not available
Relative evaporation rate (butyl acetate=1)	Not available
Flammability (solid, gas)	Non flammable.
Vapor pressure	Not available



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Relative vapor density at 20 °C	Not available
Relative density	Not available
Specific Gravity Density	2.53 g/cm ³
Solubility	Not available
Log Pow	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity, kinematic	Not available
Viscosity, dynamic	Not available
Explosion limits	Not available
Explosive properties	Not available
Oxidizing properties	None

Section 10: Stability and Reactivity Data

Reactivity	Reacts with (some) acids.
Stability	Not established.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible materials	Strong acids. Strong bases.
Hazardous decomposition products	Fume. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Sodium Carbonate, Anhydrous (497-19-8)	
LD50 oral rat	4090 mg/kg
ATE US (oral)	4090 mg/kg body weight

Skin corrosion/irritation: Causes skin irritation. pH: 11.6

Serious eye damage/irritation: Causes skin irritation. pH: 11.6

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Viscosity, kinematic: No data available

Likely routes of exposure: Inhalation. Skin and eye contact.

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Symptoms/effects after inhalation: Coughing.

Symptoms/effects after skin contact: Causes skin irritation.

Symptoms/effects after eye contact: Causes serious eye irritation.



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Symptoms/effects after ingestion: Vomiting. Nausea.

Chronic symptoms: Not available.

Section 12: Ecological Information

Sodium Carbonate, Anhydrous (497-19-8)

LC50 fish 1	300 mg/l
EC50 Daphnia 1	265 mg/l
LC50 fish 2	740 mg/l

Persistence and degradability: Not available.

Products of Biodegradation: Not established.

Bioaccumulative potential: Not established.

Other information: Avoid release to the environment.

Mobility in soil: Not available.

Section 13: Disposal Considerations

Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Ecology - waste materials: Avoid release to the environment.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Not applicable

Section 16: Other Information

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