



SAFETY DATA SHEET

SODIUM BENZOATE (FOOD GRADE)

CAS No.: 532-32-1

This Safety Data Sheet is compiled from well-established published chemical, GHS classification and regulatory reference sources for this substance. It is supplied by Suraj Chemicals as the distributor/supplier of record and is not a manufacturer-issued document. Users should also consult the specific manufacturer's SDS where available.

1. IDENTIFICATION

Product Name	Sodium Benzoate (Food Grade)
CAS Number	532-32-1
Recommended Use	Industrial / commercial chemical trading and distribution
Supplier	Suraj Chemicals, No 92, Govindappa Naicken Street, Shiva Complex, Chennai - 600001, India
Emergency Telephone	+91 - 9840284032, 9176135357 / +91 - 44 - 25393652

2. HAZARD(S) IDENTIFICATION

GHS Signal Word	Warning
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HAZARD CLASSIFICATION

- Serious eye damage/eye irritation Category 2

HAZARD STATEMENTS

- H319 - Causes serious eye irritation

PRECAUTIONARY STATEMENTS

- P264 - Wash hands thoroughly after handling
- P280 - Wear eye protection/face protection
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337+P313 - If eye irritation persists: Get medical advice/attention

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Sodium Benzoate (Food Grade)
CAS Number	532-32-1
Physical State	Solid (crystalline powder or granules)
Appearance / Odour	White crystalline powder or granules, odorless or very faint characteristic odor.

4. FIRST-AID MEASURES

Eye Contact	Rinse cautiously with water for several minutes; remove contact lenses if present; continue rinsing; seek medical attention if irritation persists.
Skin Contact	Wash with plenty of water; remove contaminated clothing; not expected to be a significant skin irritant.
Inhalation	Move to fresh air; if dust has been inhaled and coughing/irritation occurs, seek medical attention.
Ingestion	Rinse mouth with water; if a large amount is swallowed, give water and seek medical advice; low toxicity as a regulated food additive.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray/fog, carbon dioxide, dry chemical, foam.
Unsuitable Extinguishing Media	None known.
Special Hazards	Non-combustible; fire may generate irritating smoke and fumes (carbon oxides, sodium oxides).

6. ACCIDENTAL RELEASE MEASURES

Measures	Avoid generating dust; sweep up and collect in suitable containers for disposal; wash spill area with water; avoid inhalation of dust and contact with eyes.
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7. HANDLING AND STORAGE

Handling Precautions	Avoid generating and inhaling dust; use local exhaust ventilation where dust forms; avoid eye contact; wash hands after handling.
Storage Conditions	Store in tightly closed containers in a cool, dry, well-ventilated place away from strong acids and oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	No specific OEL established; treat as nuisance dust (general guideline ~10 mg/m ³ TWA); use dust mask, safety glasses/goggles, and gloves when handling bulk powder.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid (crystalline powder or granules)
Appearance / Odour	White crystalline powder or granules, odorless or very faint characteristic odor.
Boiling Point	Not applicable (decomposes before boiling)
Melting Point	Greater than 300 C. (decomposes)
Flash Point	Not applicable (non-flammable solid)
Density / Specific Gravity	Approximately 1.44 (true density); bulk density approx. 800-900 kg/m3
Water Solubility	Soluble, approximately 550-630 g/L at 20 C
pH Value	Approximately 8.0 (1% aqueous solution)

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and handling.
Incompatible Materials	Strong oxidizing agents; strong acids (may liberate free benzoic acid).
Hazardous Decomposition	Thermal decomposition may release carbon oxides and sodium oxide fumes.

11. TOXICOLOGICAL INFORMATION

Summary	Low acute oral toxicity (rat oral LD50 approximately 4000 mg/kg); may cause temporary eye irritation from dust; not classified as a mutagen, carcinogen, or reproductive toxicant; a widely used, well-studied food/cosmetic preservative within regulated use levels.
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12. ECOLOGICAL INFORMATION

Summary	Readily biodegradable; low to moderate acute toxicity to aquatic organisms at high concentrations; not expected to bioaccumulate.
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13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of in accordance with local/national regulations; small quantities may be diluted for disposal per local wastewater rules; avoid direct discharge of concentrated material to waterways.
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14. TRANSPORT INFORMATION

UN Number	Not regulated for transport
Transport Hazard Class	Not regulated
Packing Group	Not applicable

15. REGULATORY INFORMATION

Notes	Approved food preservative (E211) under Codex Alimentarius, US FDA (21 CFR 184.1733, GRAS), and EU food additive regulations within permitted use levels; no EU harmonised CLP classification, though eye irritation (Eye Irrit. 2, H319, Warning) is the most commonly self-notified classification under REACH.
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16. OTHER INFORMATION

Prepared By	Suraj Chemicals, Technical / QA Desk
Date of Issue	29 Sep 2026
Note	This SDS is compiled from well-established published GHS hazard classification data and general chemical reference sources for this substance, in the standard 16-section format. Values are believed accurate but Suraj Chemicals makes no warranty, express or implied, regarding their completeness. Users should evaluate suitability for their own specific use.

(This document is computer generated and therefore does not require any signature.)

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