

SAFETY DATA SHEET

Sodium Benzoate

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name (As Labeled):	APAC Sodium Benzoate
Chemical Name / Class	Sodium Benzoate
Synonyms:	Benzoic Acid, Sodium Salt
Product Use:	Food Additive
Address:	Lab Alley LLC 22111 Highway 71 West, Suite 601 Spicewood, Texas 78669
Business Phone:	512-668-9918
Emergency Phone:	InfoTrac: 800-535-5053
Date of Preparation:	Jan, 2021

SECTION 2 – HARZARDS IDENTIFICATION

Physical Hazards	not classified	
Health Hazards	serious eye damage/eye irritation	category 2 B
OSHA Hazard(s)	not classified	
Label Elements		
Pictogram	No hazard pictogram is used	
Hazard Symbol	no symbol	
Signal Word	warning	
Hazard Statement	cause eye irritation	
Precautionary Statement		
Prevention	wash thoroughly after handling	
Response	if in eye, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.	
Storage	not available	
Disposal	not available	
Hazard(s) not otherwise classified (HNOC)	not classified	

SECTION 3 – COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	Chemical Name	%	EINECS #	Haz Symbols	Risk Phrases
532-32-1	Sodium Benzoate	> 99	208-534-8	N/A	N/A

SECTION 4 – FIRST AID MEASURES

- Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
- Skin:** Flush skin with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
- Ingestion:** If victim is conscious and alert, give 2-4 full cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
- Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- Notes to Physician:** Treat symptomatically and supportively.
- Antidote:** None reported.

SECTION 5 – FIRE FIGHTING MEASURES

- General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NOISH (approved or equivalent), and full protective gear. During a fire, irritation and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.
- Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
- Auto-ignition Temperature:** Not applicable.
- Flash Point:** Not applicable
- Explosion Limits, lower:** Not available
- Explosion Limits, upper:** Not Available
- NFPA Rating:** (estimated) Health: 1; Flammability: 1; Instability: 0

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- General Information:** Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

SECTION 7 – HANDLING AND STORAGE

- Handling:** Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
- Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substance.

SECTION 8– EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

EXPOSURE LIMITS

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Sodium Benzoate	None listed	None listed	None listed

OSHA Vacated PELs:

Sodium benzoate: No OSHA Vacated PELs are listed for this chemical.

PERSONAL PROTECTIVE EQUIPMENT

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SECTION 9– PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline powder or prilled or extruded (EDF)

Color: white

Odor: odorless

pH: ~8 (in aqueous solution)

Vapor pressure: Negligible

Vapor Density: Not available

Evaporation Rate: negligible

Viscosity: Not applicable

Boiling Point: not applicable

Freezing/Melting Point: > 300 deg C

Decomposition Temperature: Not available

Solubility in water: Soluble

Specific Gravity/Density: Not available

Molecular Formula: C₇H₅O₂Na

Molecular Weight: 144.11

SECTION 10– STABILITY AND REACTIVITY

Chemical Stability: Stable. Stable under normal temperatures and pressures

Conditions to Avoid: Dust generation, exposure to moist air or water

Incompatibilities with Other Materials: Strong oxidizing agents, acids, ferric salts.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, sodium oxide.

Hazardous Polymerization: Has not been reported

SECTION 11– TOXICOLOGICAL INFORMATION

RTECS#: DH6650000

LD50/LC50: Oral, mouse: LD50 = 1600 mg/kg; Oral, rabbit: LD50 = 2 gm/kg; Oral, rat: LD50 = 4070 mg/kg.

Carcinogenicity: Not listed by ACGIH, IARC, or NTP

Epidemiology: No information available

Teratogenicity: See actual entry in RTECS for complete information

Reproductive Effects: No information available

Neurotoxicity: No information available

Mutagenicity: See actual entry in RTECS for complete information.

Other Studies: See actual entry in RTECS for complete information.

SECTION 12– ECOLOGICAL INFORMATION

Ecotoxicity: 96-hr. LC50; fathead minnow: GT 1,000 mg/L. 96-hr. LC50; water flea: Gt 1,000 mg/L. 24-hr. LC50; water flea: 1,540 mg/L 24-hr. EC50 (immobilization); water flea: GT 500 mg/L 48-hr. EC50 (immobilization); water flea: GT 650 mg/L

SECTION 13– DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed

RCRA U-Series: None listed

SECTION 14– TRASPOT INFORMATION

US DOT: No information available

Canadian TDG: No information available

SECTION 15— REGULATORY INFORMATION

US FEDERAL

TSCA: listed on the TSCA inventory.

Health & Safety Reporting List: none of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs: None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE AND LOCAL REGULATIONS

California Proposition 65: Not Listed

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 532-32-1: 1

Canada

CAS# 532-32-1 is listed on Canada's DSL List. This product does not have a WHMIS classification.

CAS# 532-32-1 is not listed on Canada's Ingredient Disclosure List.

SECTION 16– ADDITIONAL INFORMATION

Issue Date: January 2021

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.