



MATERIAL SAFETY DATA SHEET

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1- Chemical Product Information and Company Identification.

Product Name: : Methyl paraben sodium reference standard, AnStan[®].
Synonym: : Methyl 4-Hydroxybenzoate Sodium Salt.
Product code: : BS14900.
CAS Number: : 5026-62-0.
Company Name: : Briti Scientific.
Company Address: : Plot No:78/B/13, SY-79,Phase-VI, Jeedimetla,Hyderabad-500 055.
Telangana, India.

Section 2- Composition / Information on Ingredients.

CAS No.	Chemical Name	Mol. Formula
5026-62-0.	Methyl 4-Hydroxybenzoate Sodium Salt.	C ₈ H ₇ NaO ₃ .

Section 3- Hazards Identification.

Classification

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Corrosion/Irritation: Category 2.

Serious Eye Damage/Eye Irritation: Category 1.

Label Elements

Signal Word

Danger

Hazard Statements

Causes skin irritation.

Causes serious eye damage.



Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.





Skin

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Hazards not otherwise classified (HNOC)

Harmful to aquatic life with long lasting effects.

Section 4- First Aid Measures.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if symptoms occur.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.

Ingestion: Do NOT induce vomiting. Get medical attention.

Most important symptoms and effects: Causes eye burns.

Notes to Physician: Treat symptomatically

Section 5- Fire Fighting Measures.

Suitable Extinguishing Media: Water spray, Carbon dioxide (CO₂), Dry chemical, Chemical foam

Unsuitable Extinguishing Media: No information available.

Flash Point: > 100 °C / 212 °F.

Method - No information available.

Autoignition Temperature: >600 °C / 1112 °F.

Explosion Limits

Upper No data available

Lower No data available

Sensitivity to Mechanical Impact: No information available.

Sensitivity to Static Discharge: No information available.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products: Carbon monoxide (CO), Carbon dioxide (CO₂).

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.





NFPA

Health	Flammability	Instability	Physical hazards
3	1	1	N/A

Section 6- Accidental Release Measures.

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Environmental Precautions: Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information. Avoid release to the environment. Collect spillage.

Methods for Containment and Clean Up:

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7- Handling and Storage.

Handling: Ensure adequate ventilation. Wear personal protective equipment/face protection. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials. Strong oxidizing agents.

Section 8- Exposure Control/Personal Protection.

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures: Ensure adequate ventilation, especially in confined areas. Ensure that eye wash stations and safety showers are close to the workstation location

Personal Protective Equipment

Eye/face Protection: 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 and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection: 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.

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice

Section 9- Physical and Chemical Properties.

Appearance: White to light yellow powder to crystal.

Odor: Odorless.

Odor Threshold: No information available.

pH: No information available.





Melting Point/Range: No information available.
Boiling Point/Range: 265.5°C at 760 mmHg.
Flash Point: No information available.
Evaporation Rate: No information available.
Flammability (solid,gas): Not applicable.
Flammability or explosive limits
Upper No information available.
Lower No information available.
Vapor Pressure No information available.
Density 1.42 g/cm³.
Solubility Soluble in water.
Partition coefficient; n-octanol/water: No data available.
Autoignition Temperature: No data available.
Decomposition Temperature: No data available.
Viscosity: No data available.
Molecular formula: C₈H₇NaO₃.
Molecular Weight: 174.13 g/mol.

Section 10- Stability and Reactivity.

Reactive Hazard: None known, based on information available.
Stability: Hygroscopic.
Conditions to Avoid: Incompatible products. Keep away from open flames, hot surfaces and source of ignition.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide (CO), Carbon dioxide (CO₂).
Hazardous Polymerization: Hazardous polymerization does not occur.
Hazardous Reactions: None under normal processing.

Section 11- Toxicological Information.

Acute Toxicity

Product Information No acute toxicity information is available for this product

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methyl paraben sodium	LD50 = >5000 mg/kg (Rat)	Not listed	Not listed

Toxicologically Synergistic Products: No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation: Irritating to skin. Risk of serious damage to eyes.

Sensitization: No information available.

Mutagenic Effects: No information available.





Reproductive Effects: No information available.
Developmental Effects: No information available.
Teratogenicity: No information available.
STOT - single exposure None known
STOT - repeated exposure None known
Aspiration hazard: No information available.
Symptoms / effects, both acute and delayed: No information available.
Endocrine Disruptor Information: No information available.
Other Adverse Effects: The toxicological properties have not been fully investigated.

Section 12- Ecological Information.

Ecotoxicity: Do not empty into drains. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence and Degradability: Soluble in water Persistence is unlikely based on information available.
Bioaccumulation/ Accumulation: No information available.
Mobility: Will likely be mobile in the environment due to its water solubility.

Section 13- Disposal Considerations.

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.

Section 14- Transport Information.

DOT: Not regulated
TDG: Not regulated
IATA: Not regulated
IMDG/IMO: Not regulated

Section 15- Regulatory Information.

Legend:
TSCA - Toxic Substances Control Act, (40 CFR Part 710)
X - Listed
'-' - Not Listed
TSCA 12(b) - Notices of Export: Not applicable.
U.S. Federal Regulations
SARA 313: Not applicable
SARA 311/312 Hazard Categories See section 2 for more information.
CWA (Clean Water Act): Not applicable.





Clean Air Act: Not applicable.

OSHA - Occupational Safety and Health Administration: Not applicable.

CERCLA: Not applicable.

California Proposition 65: This product does not contain any Proposition 65 chemicals.

Section 16- Other Information.

Briti Scientific provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

