



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

Mail: info@ussteriles.com

Contact: +91-9822673664

Website: www.ussteriles.com

SODIUM METABISULPHITE FCC MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: Sodium Metabisulphite FCC

CAS# : 7681-57-4

FSSAI Lic. No.: 11519019000530

Contact Information:

U.S.Steriles

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

Section 2: Composition and Information on Ingredients

Name	CAS #	% by Weight
Sodium metabisulphite	7681-57-4	100

Toxicological Data on Ingredients: Sodium metabisulphite: ORAL (LD50): Acute: 1131 mg/kg [Rat].
DERMAL (LD50): Acute: >2000 mg/kg [Rat]. >1000 mg/kg [Guinea pig].

Section 3: Hazards Identification

No significant hazards associated with this material

Suggested NFPA ratings:

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
2	0	0	E

Section 4: First Aid Measures

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, occasionally lifting the upper and lower lids. Cold water may be used. Get medical aid 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: Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Section 5: Fire and Explosion Data

Flammability of the Product	Non-flammable
Extinguishing media	Not applicable
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Special Fire Fighting Procedures	Not applicable
Special Remarks on Fire Hazards	When heated to decomposition it emits toxic fumes of SO _x , Na ₂ O. Decomposes on heating to form sodium sulfate



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

Mail: info@ussteriles.com

Contact: +91-9822673664

Website: www.ussteriles.com

Section 6: Accidental Release Measures

Spill Procedures: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions: Keep locked up.. Do not ingest. Do not breathe dust. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Moisture sensitive. Air Sensitive

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: TWA: 5 (mg/m³) [United Kingdom (UK)] TWA: 5 (mg/m³) from ACGIH (TLV) [United States] TWA: 5 (mg/m³) from NIOSH [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance	White Crystalline powder. Free from extraneous matter with a faint odour of sulphur dioxide gas.
Odor	odour of sulfur dioxide
Taste	Not available
Molecular Weight	190.11 g/mole
Color	White
pH(5% w/v Solution)	4.90
Boiling Point	Not available
Melting Point	Decomposition temperature: 150°C (302°F)
Specific Gravity	1.4 (Water = 1)
Solubility	Freely Soluble in water

Section 10: Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Incompatible materials, heat, moisture, air, dust generation.



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

Mail: info@ussteriles.com

Contact: +91-9822673664

Website: www.ussteriles.com

Incompatibility with various substances	Reactive with oxidizing agents, acids.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Moisture sensitive Air sensitive. It slowly oxidizes to sodium sulfate upon exposure to air and moisture. Incompatible with sodium nitrite

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:

Acute oral toxicity (LD50): 1131 mg/kg [Rat]. Acute dermal toxicity (LD50): >1000 mg/kg [Guinea pig].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: upper respiratory tract, skin and eyes.

Other Toxic Effects on Humans: Non-hazardous

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May affect genetic material (mutagenic) based on animal test data. May cause adverse reproductive effects based on animal test data.

Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Inhalation: May cause respiratory tract irritation with coughing and wheezing. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation with abdominal pain, nausea, vomiting, diarrhea, violent colic, and possible gastric hemorrhaging. May affect behaviour/central nervous system and cause central nervous system depression/seizures. It may also affect the cardiovascular system (hypotension, tachycardia, cardiovascular collapse), Ingestion of sulfite compounds may cause a severe allergic reaction (anaphylactoid symptoms) in sensitive individuals and some asthmatics. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may cause allergic dermatitis. Ingestion: Prolonged or repeated ingestion may affect the liver, urinary system, and metabolism (weight loss). Future exposures may also cause asthma like allergy with coughing, shortness of breath, wheezing and/or chest tightness. Inhalation: Prolonged or repeated inhalation may irritate the lungs, may cause bronchitis to develop with cough, phlegm and/or shortness of breath.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Non-hazardous

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

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

Section 14: Transport Information

Non-hazardous, not regulated for transport

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



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

Mail: info@ussteriles.com

Contact: +91-9822673664

Website: www.ussteriles.com

Section 16: Other Information

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 event shall U.S.Steriles be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if U.S.Steriles has been advised of the possibility of such damages.