

Camlab Limited – Material Safety Data Sheet


1. Identification

Product Code CC/0610-CO

Product Name **SODIUM METABISULPHITE pure**

Molecular Formula **Na₂S₂O₅ =190.10**

CAS Number **7681-57-4**

Supplier: **CAMLAB LIMITED**
**Norman Way Industrial Estate
Over
Cambridge
England
CB4 5WE**

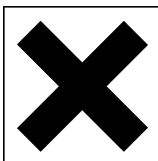
Phone **01954 233110**
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24hr 112
(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Sodium metabisulphite	7681-57-4	231-670-0	95.5%	Xn : R22,R31,R41	N/A

3. Hazards Identification



Harmful if swallowed. Contact with acids liberates toxic gas. Risk of serious damage to eyes.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation If material has reacted with an acid to form, sulphur dioxide, seek immediate medical assistance.

Ingestion Wash out the patients mouth thoroughly with water. If conscious induce vomiting. OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Evacuate area immediately. Use approved personal protective equipment. Avoid breathing dust. However if contact with acid is possible, use full protective clothing and breathing apparatus.

6. Accidental Release Measures (continued)

Environmental	Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.
Major Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.
Minor Spillage	Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.
Storage Conditions	Well ventilated, cool, dry storage . Keep well separated from oxidising agents.

8.1 Workplace Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory	If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	White free flowing granular material.
Odour	Organic sulphur odour.
pH	4 (5 % soln)
Boiling point	Not available
Melting point	150.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	1.4800 °C
Water Solubility	Completely soluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Elevated temperatures and contact with oxidising agents.
Materials to Avoid	Strong oxidising agents. Contact with acids will liberate toxic and irritant fumes of sulphur dioxide.
Hazardous Decomposition Products	Toxic fumes of sulphur dioxide.

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes.
Skin	Contact with the solid or dust may be irritating to the skin.
LD50 Skin	Not available
Ingest	Low order of acute toxicity.

11. Toxicological Information (continued)

LD50 Ingest	Oral Rat 3200mg/Kg
Inhalation	Inhalation of dust will produce irritation of the eyes and respiratory tract. Major hazard is through inhalation of sulphur dioxide fumes which produce a hard uncontrollable cough. Excessive exposure can lead to unconsciousness and may prove fatal.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

The powerful reducing action may interfere with aquatic life.

13. Disposal Considerations

Disposal Methods	Dispose of via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.
Contaminated Packaging	Wash out containers with water. Use a licensed waste disposer.

14. Transport Information

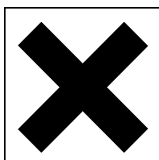
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	Harmful.
Classification	

Label Symbols

Xn



Risk & safety Phrases	Harmful if swallowed. Contact with acids liberates toxic gas. Risk of serious damage to eyes. Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection. If swallowed, seek medical advice immediately and show this container or label.
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EEC Number	231-670-0
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16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

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