SAFETY DATA SHEET
Sodium Metabisulphite

Issued: 11/01/2012
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

CAS-NO.: 7681-57-4
EU Index NO.: 016-063-00-2
EC (EINECS) NO.: 231-673-0
Product NO.: NA7545, NA0385
Synonyms, Trade Names: SODIUM BISULPHITE, DISODIUM DISULPHITE, SODIUM DI SULPHITE MIN 98%, SODIUM DISULPHITE MIN 97.2%

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2. HAZARDS IDENTIFICATION

Classification (67/548): Xn; R22 Xi; R41 R31

Classification (EC 1272/2008):

Physical	Not classified.
Health	EUH031; Acute Tox. 4 - H302; Eye Dam. 1 - H318
Environmental	Not classified.

Label in accordance with (EC) NO. 1272/2008

Signal word: Danger

Hazard statements:
H302 Harmful if swallowed.
H318 Causes serious eye damage.

Precautionary statements:
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.

[cont...]

3. COMPOSITION / INFORMATION ON INGREDIENTS

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4. FIRST AID MEASURES (SYMPTOMS)

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards: Oxides of: Sulphur.

Protective measures in fire: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Follow precautions for safe handling described in this safety data sheet. Avoid contact with skin and eyes. Provide adequate ventilation.

Environmental precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Spill clean-up methods: Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Flush area with plenty of water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7. HANDLING AND STORAGE

Usage precautions: Avoid spilling, skin and eye contact. Take precautionary measures against static discharges when there is a risk of dust explosion. Provide good ventilation.

Storage precautions: Keep containers tightly closed. Keep in original container.

Storage class: Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs.	STEL - 15 Min	Notes
SODIUM METABISULPHITE	WEL	5 mg/m^3		

WEL = Workplace Exposure Limit.

[cont...]

Protective equipment:

Respiratory equipment: If ventilation is insufficient, suitable respiratory protection must be provided.
Hand protection: PVC gloves are recommended.
Eye protection: Wear approved safety goggles.
Other protection: Wear rubber apron. Wear rubber footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder, dust
Colour: White / off-white
Odour: Characteristic
Solubility: Soluble in water.
pH value, diluted solution: 4.5 5

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions and recommended use.
Conditions to avoid: Avoid excessive heat for prolonged periods of time.
Materials to avoid: Strong oxidising substances. Strong acids.
Hazardous decomposition products: Oxides of: Sulphur.

11. TOXICOLOGICAL INFORMATION

Toxic dose 1 - LD 50 1540 mg/kg (oral rat)
Inhalation: Irritating to respiratory system.
Ingestion: Harmful if swallowed.
Skin contact: Irritating to skin.
Eye contact: Risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

LC 50, 96 Hrs, FISH mg/l	100 - 200

Mobility: The product is soluble in water.

[cont...]

13. DISPOSAL CONSIDERATIONS

General Information: Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

Disposal methods: Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

General: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

EU Directives: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Statutory instruments: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved code of practice: Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance notes: CHIP for everyone HSG (108). Workplace Exposure Limits EH40.

Note: The regulatory information given above only indicates the principal regulations specifically Applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer: The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.