

MATERIAL SAFETY DATA SHEET

ISSUE DATE 18/11/2010

ISSUE NUMBER 6

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Product name: Foamsol FDC511
1.2 Use: Antifoam solution

1.3 Company Address: AB Vickers
Dallow Street
BURTON ON TRENT
Staffs DE14 2PQ

1.4 Service: Tel. 01283 563268 Fax. 01283 511472
1.5 Emergency: Tel. 01283 563268
1.6 Health and Safety Information: Tel. 01283 563268 Fax. 01283 511472
E-mail abvickers@lallemand.com

2. HAZARD IDENTIFICATION

May cause respiratory irritation to sensitive individuals

3. COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Chemical characterisation:

HAZARDOUS INGREDIENTS

Name	CAS No	%	Symbols and Health Risk Phrases
Sodium Metabisulphite	7446-09-5	<0.1	Xn,
(as sulphur dioxide)		<0.06	R31, R36/37

4. FIRST AID MEASURES

4.1 Skin: Wipe off and wash with soap and water
4.2 Eyes: May cause irritation. Irrigate thoroughly with water for at least 15 minutes.
4.3 Inhalation: May cause irritation especially in asthmatics.
4.4 Ingestion: Treat symptomatically
4.5 Other information:

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Water, foam, CO₂, dry powder.
5.2 Unsuitable extinguishing media: None known
5.3 Unusual fire fighting hazards: Sulphur dioxide may be evolved
5.4 Special fire fighting procedures: Self contained respirator and PPE to be worn.
5.5 Other recommendations: None
5.6 Combustion products: Carbon dioxide, sulphur dioxide, incompletely burnt carbon, silica and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Slip hazard
6.2 Precautions to protect the environment: Do not allow to enter natural waters or soil.
6.3 Clean up procedures: Use PPE. Contain liquid. Avoid contact and formation of aerosols. Take up using mechanical means.



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7. HANDLING AND STORAGE

- 7.1 Handling precautions: Avoid eye contact and prolonged contact with skin
- 7.2 Storage: Cool, dry area.
- 7.3 Unsuitable packaging materials: None known
- 7.4 Incompatibilities: None known
- 7.5 Other information:

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure controls: See section 7

8.2 Exposure controls for hazardous components:

Name	CAS No	Exposure limits
Sulphur dioxide	7446-09-5	2mg/m3 (OES8hrTWA) 5mg/m3 (STEL 15mins)

8.3 Personal Protective Equipment

- Respiratory: Not normally required
- Hand: Wear suitable gloves.
- Eye: Goggles or face-shield
- Skin: No adverse effects normally expected
- Industrial Hygiene: Observe good hygienic practices. Wash after handling, particularly before eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance:

Form: Liquid Colour: White Odour: None

9.2 Safety related information:

- pH: 3.0 – 4.0
- Boiling point: 100°C
- Melting point: Not determined
- Flashpoint: Not determined
- Flammability: Not determined
- Autoflammability: Not determined
- Explosive properties: Not determined
- Oxidising properties: Not determined
- Vapour pressure: Not determined
- Specific gravity: Not determined
- Solubility in water: Not determined
- Solubility in fat: Not determined
- Oil/water partition coefficient: Not determined

Other data:

- Vapour density (air=1): Not determined
- Evaporation rate (ethyl ether=1): Not determined
- Viscosity: 750 – 3500 cP
- % volatiles: Not determined
- Molecular weight: Not determined

10. STABILITY AND REACTIVITY

10.1 Stability: Stable under specified storage conditions
(See section 7)

10.2 Reactivity

- Conditions to avoid: Freezing
- Materials to avoid: Strong oxidising agents



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- **Hazardous decomposition products:** If heated to 150°C trace quantities of formaldehyde may be released. Also sulphur dioxide.

11. TOXICOLOGICAL INFORMATION

Possible health effects:

- **Skin:** No adverse effects normally expected.
- **Eyes:** May cause temporary discomfort.
- **Inhalation:** Slight irritant.
- **Ingestion:** Orally not toxic.
- **Other information:**
- **LD50:** Information not available
- **Carcinogenicity:** Information not available
- **Mutagenicity:** Not mutagenic
- **Reproduction toxicity:** Information not available

12. ECOLOGICAL IMPACT

12.1 Elimination:

- **Persistence:** Readily eliminated
- **Degradability:** Not persistent
Biodegradable

12.2 Behaviour in aquatic environment:

- **Mobility:** Immiscible
- **Bioaccumulation:** Not accumulated

12.3 Ecotoxicity:

- **Aquatic:** Not thought to be dangerous
- **Terrestrial:** Not thought to be dangerous

13. WASTE DISPOSAL

13.1 Product disposal:

According to local regulations

13.2 Packaging disposal:

According to national regulations

14. TRANSPORT INFORMATION

UNNO: None

- **Road and rail transport (ADR/RID):** Not subject
- **Sea transport (IMO):** Not subject
- **Air transport (ICAO):** Not subject

Symbols:

15. REGULATORY INFORMATION

15.1 EEC supply classification and labelling:

Contains:

Sodium metabisulphite
R31 Contact with acids liberates toxic gas
R36/37 Irritating to eyes and respiratory system

15.2 National legislation:

15.3 Other regulations:

- **EINECS** All ingredients listed or exempt
- **TSCA** All ingredients listed or exempt
- **MITI** Not determined
- **DSL** Not determined
- **AICS** Not determined



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16. OTHER INFORMATION

This product safety data sheet was prepared in compliance with Regulation number 1907/2006 (REACH), where Annex II gives a guide to the compilation of Safety Data Sheets.

All information and instructions provided by this MSDS are based on current state scientific technical knowledge at the date indicated on the MSDS. AB Vickers shall not be held responsible for any defect in the product covered by this MSDS should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained is read and understood by all persons who may come in contact with the material.

