

1. PRODUCT AND COMPANY IDENTIFICATION

Trade name Selenite Broth Base , Selenite Cystine broth **with sodium selenite**
Reference
Recommended use Microbiological control
Supplier DCM Micromedia Trading House
Created : 13th of June 2013

2. INFORMATION ON INGREDIENTS

Composition See technical data sheet
Hazardous ingredients
Name CAS No Concentration S phrases R phrases
Sodium Selenite 10102-18-8 1.00 % S1/2 S28 S36/37 S45 S61 R23 R28 R31 R43 R51/53

3. HAZARDS IDENTIFICATION

Human health hazards classified as hazardous
Eye hazards: redness, pain
Skin hazards: redness pain
Ingestion hazards: **Abdominal cramps. Vomiting.**
Inhalation hazards: **Abdominal cramps. Cough. Diarrhoea. Dizziness. Headache. Laboured breathing. Nausea. Sore throat. Vomiting.**
Environment hazards **The substance is toxic to aquatic organisms. Bioaccumulation of this chemical may occur along the food chain, for example in plants and fish. It is strongly advised not to let the chemical enter into the environment.**

4. FIRST AID MEASURES

Inhalation Remove to fresh air. If breathing becomes difficult, get medical attention
Ingestion Wash out mouth with water. Give drink to dilute stomach contents
Skin contact Wash skin with soap and water
Eye contact Rinse opened eyes with plenty of water. Seek medical attention if soreness or redness persists

5. FIRE FIGHTING MEASURES

Suitable extinguishing media Water spray, carbon dioxide, dry chemical powder or appropriate foam
Extinguishing media which must not be used for safety reasons Not concerned
Special hazards Emits toxic fumes under fire conditions

6. ACCIDENTAL RELEASE MEASURES

Personal protection/precautions Wear protective clothing
Environmental precautions Avoid raising dust. Aerate the workstation and wash the dissipating area after having completely recuperated the product
Methods for cleaning up Sweep up and place in an appropriate sack before elimination or dilute before disposing down the drain

7. HANDLING AND STORAGE

Handling Avoid all contact, do not breathe dust
Storage
Storage conditions: Store between 2 and 30°C
Recommended package materials: Glass, plastic. Verify water tightness
Specific uses Not listed

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values

Occupational exposure controls

Respiratory protection: Wear respiratory mask

Hand protection: Wear chemical resistant gloves

Eye protection: Wear safety glasses or chemical goggles

Skin protection: Wear protective clothing

Hygiene measures: Wash thoroughly after handling

Environmental exposure controls Do not release to environment

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Physical state at 20°C: Powder

Color: light beige - yellowish

Properties

Solubility: Dissolves in water

10. STABILITY AND REACTIVITY

Stability Stable product

Conditions to avoid Do not breathe the powder always wear protecting clothes goggles, mask gloves

Materials to avoid Strong acids

Hazardous decomposition products Carbon monoxide, carbon dioxide, sulphur dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic organisms

13. DISPOSAL CONSIDERATIONS

Disposal of residues Dissolve or mix product with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Comply with national and Community regulations in force

Disposal of soiled packaging Comply with national and Community regulations in force

14. TRANSPORT INFORMATION

NFPA: 3-0-0

15. REGULATORY INFORMATION

Classification and labelling according to European directives' into force: Non hazardous product

Symbol Not concerned

Risk phrases R R23 R28 R31

Safety phrases S S1/2 S28 S36/37 S45 S61