

SELENITE F BROTH (SELENITE BROTH) (DOUBLE PACK) (as per IP)

Section 1: Product Identification


Product Name: Selenite F Broth (Selenite Broth) (Double Pack) (as per IP)

Product Code: TM 418

CAS#: NA

CI#: NA

Section 2: Composition/Information on Ingredients

Ingredients	Gms/Ltr.
Part I	
Sodium phosphate	10.0
Casein enzymic hydrolysate	5.0
Lactose	4.0
Part II	
*Sodium hydrogen selenite	4.0
Distilled water	1 Ltr.
Final pH (at 25°C)	7.0 ± 0.2
* Toxic / Dangerous for the environment material	
Common name	Sodium hydrogen selenite
Classification	Toxic and dangerous for environment
CAS No.	7782- 82- 3
Symbol	
Risk Phrases	RTECS: VS 7500000

Section 3: Hazards Identification



Hazard: The substances are very hazardous to health when come in skin contact, breathed, swallowed and may even be lethal. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage. Caution: Avoid body contact, do not breathe vapors and in cases of unease consult a doctor.



Hazard: These substances are harmful to aquatic as well as non-aquatic organisms. Lengthy exposure may have detrimental effect. Caution: Avoid release to environment.

Section 4: First Aid Measures

In case of swallowing, wash out mouth with water, provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In case of inhalation, remove to fresh air. If breathing becomes difficult or any other serious condition arises, call a doctor and show the label.

Section 5: Fire Fighting Measures

Extinguishing media: Water spray, Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual fire and explosion hazards. Emits toxic fumes under fire conditions



Section 6: Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up by avoiding raising dust and place in a bag for waste disposal. Ventilate area and wash spill site with plenty of water.

Section 7: Handling and Storage

Handling - Refer to Section 8

Storage - Store below 25°C

Section 8: Exposure Controls/Personal Protection

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9: Physical and Chemical Properties

Appearance: **Part A:** Homogeneous powder **Part B:** Homogeneous powder

Color: **Part A:** White to light yellow **Part B:** White to cream

Section 10: Stability and Reactivity Data

Stability: Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C. Conditions to avoid: Heat and light. Hazardous polymerization will not occur. Decomposition products: If product is decomposed, toxic fumes of Carbon monoxide and Carbon dioxide may evolve.

Section 11: Toxicological Information

Acute effects: May be harmful if swallowed.

Exposure can cause: Stomach pain, vomiting, diarrhea and severe inflammation of the colon. Appears to penetrate well into bone and CNS. Possesses neuromuscular blocking activity. Prolonged or recurring exposure may cause allergy to sensitive individuals.

RTECS No.: VS 7500000

For detailed information, RTECS may be referred.

Section 12: Ecological Information

Data not available

Section 13: Disposal Consideration

On completion of work all used or unusable preparations of this product and derivatives thereof are to be discarded by autoclaving. Dispose off waste in accordance with all applicable Federal, State and local laws.

Section 14: Transport Information

UN No.: Not applicable.

Section 15: Regulatory Information

Risk Phrases: Harmful if swallowed or breathed.

Risk Phrases: Risk of cumulative effects.

Risk Phrases: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



Safety Phrases: When using, avoid eating, drinking or smoking.

Safety Phrases: In case of contact with skin, wash immediately with plenty of soap. 1. water 2. polyethylene glycol 400 3. water and soap 4. ethanol.

Safety Phrases: In case of accident and if you feel uneasy, call a doctor and show the label.

Safety Phrases: The material and its container should be disposed of, as hazardous waste.

Safety Phrases: Avoid release to the environment. Refer to the special instructions / safety data sheets.



Significance of signs: The substances are very hazardous to health when come in skin contact, breathed, swallowed and may even be lethal. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.



Significance of signs: These substances are harmful to aquatic as well as nonaquatic organisms. Lengthy exposure may have detrimental effect.

Section 16: Other Information

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

