



Effective date: 14-03-2023	Hy-Labs Cat. No: BP-214	MSDS FORMAT MATERIAL SAFETY DATA SHEET	 Replace Doc: NA
Doc. No: MSDS-BP-214			

1- Product and Company Identification	
Product Name	SELENITE BROTH
Reference number	BP-214
Identified uses	Enrichment liquid medium for the isolation of <i>Salmonella</i> spp.
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
Ingredients Name	Cas #
Lactose	63-42-3
Sodium phosphate, dibasic	7558-79-4
Sodium selenite	10102-18-8
3- Hazard Specifications	
Hazards identification Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	
Caution! - this mixture contains a toxic substance (Sodium selenite) which chemical, physical and toxicological behavior and properties in mixtures have not been thoroughly investigated.	
4- First Aid Measures	
General advice	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Skin	In case of skin contact: Wash off with soap and plenty of water
Eyes	Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses. Then consult a doctor.
Inhalation	Not applicable
Ingestion	If swallowed: give water to drink (two glasses at most). Seek medical advice immediately. In exceptional cases only, if medical care is not available within one hour, induce vomiting (only in persons who are wide awake and fully conscious), administer activated charcoal (20 - 40 g in a 10% slurry) and consult a doctor as quickly as possible.
5- Fire Fighting Measures	
Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides
Advice for firefighters	Stay in danger area only with self-contained breathing apparatus.
6- Accidental Release Measures	
Person related safety precautions	Prevent container breakage.
Measures for cleaning/collection	Clean up affected area. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Environmental precautions	Do not let product enter drains.
7- Handling and Storage	

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Advice on safe handling	Handle in accordance with good laboratory practice. Work under hood or ensure good ventilation/exhaustion at the workplace. Do not inhale vapor of mixture.		
Storage temperature	15 - 25 °C.		
Storage conditions	Store in cool place. Keep container tightly closed.		
8- Exposure Controls, Personal Protection			
General protective and hygiene measures	Keep away from foodstuffs, beverages and feed. Wash hands at the end of work. Immediately change contaminated clothing. Apply preventive skin protection.		
Personal Protective Equipment	<u>Respiratory protection is not required.</u>		
	<u>Body</u> - Protective work clothing. <u>Eyes and Face</u> – Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses <u>Hands</u> – Protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.		
9- Physical and Chemical Properties			
Form	Liquid		
Color	Light amber		
Odor	Characteristic		
10- Stability and Reactivity			
Chemical Stability	No data available		
Hazardous decomposition products	To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated.		
Reactivity	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed. Contact with acids liberates toxic gas.		
11- Toxicological Information			
Primary irritant effect	No irritating effect.		
Additional Information	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. Harmful Irritant.		
12- Ecological Information			
Toxicity	To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated.		
General notes	No data available		
Results of PBT and vPvB assessment	Not applicable.		
13- Disposal Information			

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Disposal Information		Dispose of as unused product. Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.	
14- Transport Information			
UN, "Model Regulation"		Not dangerous goods	
Transport hazard class(es)		ADR/RID: - IMDG: - IATA: -	
Packaging group		ADR/RID: - IMDG: - IATA: -	
15- Regulatory Information			
Safety, health and environmental regulation specific to mixture		No data available	
Other regulations		This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006	
16- Other Information			
For In-Vitro use only. The information in this MSDS is based on current and reliable sources but does not purport to be all inclusive and shall be used only as a guide.			