

Effective date: 22-02-2021	Hy-Labs Cat. No: BP-555/90S	MSDS FORMAT	hylabs
Doc. No: MSDS-BP-555		MATERIAL SAFETY DATA SHEET	Replace Doc: NA

1- Product and Company Identification	
Product Name	B.NACL PEP.PH7+4%TW+0.5%L., 90ML
Reference number	BP-555/90S
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 #
TWEEN® 80	9005-65-6
L-α-Lecithin	8002-43-5
Sodium chloride	7647-14-5
Potassium dihydrogen phosphate	7778-77-0
di-Sodium hydrogen phosphate dihydrate	10028-24-7
3- Hazard Specifications	
Pictogram	Not required.
Signal word	No irritating effect.
Risk phrases	Not a hazardous substance.
Safety phrases	Not a hazardous substance.
4- First Aid Measures	
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin	Take off immediately all contaminated clothing. Rinse skin with water/ shower.
Eyes	Rinse out with plenty of water. Remove contact lenses.
Inhalation	Supply fresh air; If not breathing, give artificial respiration.
Ingestion	Rinse mouth with water and make victim drink water (two glasses at most). Consult doctor if feeling unwell. Never give anything by mouth to an unconscious person.
5- Fire Fighting Measures	
Extinguishing Media	Suppress gases/vapors/mists with a water spray jet. Use alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment	Self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
6- Accidental Release Measures	
Person related safety precautions	Avoid breathing vapors, mist or gas.
Measures for cleaning/collectiong	Cover drains. Collect, bind, and pump off spills. Take up dry. Dispose of properly. Clean up affected area.
7- Handling and Storage	
Handling	Provide appropriate exhaust ventilation at places where dust or vapors are formed.
Storage	Store at 15-25°C.

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8- Exposure Controls, Personal Protection	
General protective and hygiene measures	The usual precautionary measures for handling chemicals should be followed. Change contaminated clothing. Wash hands after working with substance.
Personal Protective Equipment	<u>Respiratory</u> – Not required. <u>Body</u> – Protective work closing (lab coat). <u>Eyes</u> – Safety glasses. <u>Hands</u> – Chemical resistant gloves (i.e. nitrile, or equivalent).
9- Physical and Chemical Properties	
Form	Liquid.
Color	Yellow.
10- Stability and Reactivity	
Stability	The product is chemically stable under standard ambient conditions. Avoid Strong heating (decomposition) and Exposure to moisture. Releases water of crystallization when heated.
Incompatible materials	Risk of explosion/exothermic reaction with - Alkali metals. Exothermic reaction with - Lithium. Other incompatible materials - Strong oxidizing agents, Bases, acids, strong acids, antipyrine, acetates, Heavy metal salts.
Hazardous decomposition products	Ambient fire may liberate hazardous vapors -Hydrogen chloride gas, and Oxides of phosphorus.
11- Toxicological Information	
Potential health effects	<u>Acute oral toxicity</u> - LD50 Rat: > 2.000 mg/kg <u>Acute inhalation toxicity</u> - LD50 Rabbit: > 10.000 mg/kg <u>Acute dermal toxicity</u> - LD50 Rabbit: > 4.640 mg/kg <u>Skin</u> - After long term exposure to the chemical: slight irritation. <u>Eyes</u> - After long term exposure to the chemical: slight irritation.
Additional Information	Handle in accordance with good industrial hygiene and safety practice.
12- Ecological Information	
Toxicity	Do not let product enter drains. Toxicity to fish-LC0 Leuciscus idus (Golden orfe): ca.900 mg/l; 48 h. Toxicity to bacteriastatic test EC50 activated sludge:>1.000 mg/l; 3 h. Toxicity to fish LC50 Pimephales promelas (fathead minnow): 7.650 mg/l; 96 h. Toxicity to daphnia and other aquatic invertebrates EC50 Daphnia magna (Water flea): 1.000 mg/l; 48 h. LC50 Gambusia affinis (Mosquito fish): 467 mg/l; 48 h. EC50 Daphnia magna (Water flea): 1.089 mg/l; 48 h.
13- Disposal Information	
Disposal Information	Discharge into the environment must be avoided.
Disposal packaging	Disposal must be made according to state and federal regulations.
14- Transport Information	
Not required.	
15- Regulatory Information	
Safety Phrases	Not required.
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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.