

Effective date: 05-10-2013	Hy-Labs Cat. No: BP-308	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-BP-308		MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification	
Product Name	Buffer Phosphate 7.2
Reference number	BP-308
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 #
Sodium chloride	7647-14-5
3- Hazard Specifications	
Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC
Label elements	The product does not need to be labelled in accordance with EC directives or respective national laws
Other hazards	none
4- First Aid Measures	
Skin	Wash off with soap and plenty of water
Eyes	Flush eyes with water as a precaution
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration
After swallowing	Never give anything by mouth to an unconscious person. Rinse mouth with water
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11	
5- Fire Fighting Measures	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Special hazards arising from the substance or mixture	Hydrogen chloride gas, Sodium oxides
Advice for firefighters	Wear self contained breathing apparatus for fire fighting if necessary
6- Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8
Environmental precautions	Do not let product enter drains
Methods and materials for containment and cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal

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7- Handling and Storage	
Handling	Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2
Storage	15-25°C
8- Exposure Controls, Personal Protection	
Engineering controls	General industrial hygiene practice
Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)
Skin protection	Handle with 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. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it
Respiratory protection	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Body Protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace
9- Physical and Chemical Properties	
Physical state	liquid
10- Stability and Reactivity	
Chemical stability	Stable under recommended storage conditions
Incompatible materials	Strong oxidizing agents
11- Toxicological Information	
Toxicity	LD50 Oral - rat - 3.550 mg/kg LC50 Inhalation - rat - 1 h - > 42.000 mg/m3 LD50 Dermal - rabbit - > 10.000 mg/kg
Additional Information	RTECS: VZ4725000 Vomiting, Diarrhoea, Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract

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12- Ecological Information

Toxicity	Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 5.840 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates - NOEC - Daphnia - 1.500 mg/l - 7 d LC50 - Daphnia magna (Water flea) - 1.661 mg/l - 48 h
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

13- Disposal Information

Product	Offer surplus and non-recyclable solutions to a licensed disposal company
Contaminated packaging	Dispose of as unused product

14- Transport Information

UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods Environmental hazards ADR/RID: no IMDG Marine pollutant: no IATA: no
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15- Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006	
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out

16- Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product
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