

Effective date: <b>03-05-2015</b>	Hy-Labs Cat. No: <u>PD-269</u>	<b>MSDS FORMAT</b>	Replace Doc: NA
Doc. No: <b>MSDS-PD-269</b>		<b>MATERIAL SAFETY DATA SHEET</b>	

1- Product and Company Identification	
<b>Product Name</b>	<b>RPMI+MOPS+2% GLUCOSE</b>
<b>Reference number</b>	<b>PD-269</b>
<b>Manufacturer</b>	<b>Hy-Laboratories Ltd.</b> Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
<b>Ingredients Name</b>	<b>Cas #</b>
MOPS	1132-61-2
Sodium hydrogencarbonate	144-55-8
D-(+)-Glucose	50-99-7
3- Hazard Specifications	
This product very hazardous in case of eye contact (irritant). Hazardous in case of inhalation. Inflammation of the eye is characterized by redness, watering, and itching.	
4- First Aid Measures	
<b>Skin</b>	Wash off with soap and plenty of water.
<b>Eyes</b>	Remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at list 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical advice.
<b>Inhalation</b>	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
5- Fire Fighting Measures	
<b>Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Protective equipment</b>	Wear self contained breathing apparatus for fire fighting if necessary.
6- Accidental Release Measures	
<b>Spill</b>	Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
7- Handling and Storage	
<b>Precautions</b>	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood.

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	Ground all equipment containing material. Do not ingest. Do not breathe dust. Avoid contact with eyes In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label.
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<b>Storage</b>	2 - 8 °C
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<b>8- Exposure Controls, Personal Protection</b>	
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<b>Engineering controls</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
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<b>Personal Protective Equipment</b>	<p>Respiratory- 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).</p> <p>Skin - 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.</p> <p>Eyes- Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p>Body- 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</p>
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<b>9- Physical and Chemical Properties</b>	
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<b>Physical state</b>	Solid
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<b>Color</b>	Very Light Pink
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<b>10- Stability and Reactivity</b>	
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<b>Stability</b>	Stable under recommended storage conditions.
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<b>Hazardous decomposition products</b>	No data available
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<b>11- Toxicological Information</b>	
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<b>Primary irritant effect</b>	Inhalation - May cause respiratory irritation. Skin - May cause skin irritation.
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<b>12- Ecological Information</b>	
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<b>Ecological measures</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.
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13- Disposal Information	
<b>Disposal Information</b>	Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.
14- Transport Information	
No data available	
15- Regulatory Information	
<b>Safety Phrases</b>	No data available
16- Other Information	
<b>For In-Vitro use only.</b> <b>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.</b>	