

Effective date: 17-04-2013	Hy-Labs Cat. No: PD-055	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-PD-055		MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification	
Product Name	Baird Parker Agar
Reference number	PD-055
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
Dangerous ingredients Name	CAS - No.
Lithium Chloride	7447-41-8
Sodium Pyruvate (Pyruvic acid sodium salt)	113-24-6
Potassium tellurite hydrate	123333-66-4
3- Hazard Specifications	
<p>This product contains substances which may cause Acute toxicity - oral (Category 3), Skin irritation (Category 2) (R38), Eye irritation (Category 2) (R36), specific target organ toxicity - single exposure (Category 3) according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]. According to EU Directives 67/548/EEC or 1999/45/EC the components are classified as toxic if swallowed, irritating to eyes (R36), respiratory system (R37) and skin (R38). A large dose may cause diarrhoea, nausea and vomiting.</p>	
4- First Aid Measures	
General	Consult a physician. show this safety data sheet to the doctor in attendance.
Skin	Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if irritation develops.
Eyes	Rinse open eye for several minutes under running water. If symptoms persist, consult doctor.
Inhalation	If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Information for doctor	Show this product label or this MSDS.
5- Fire Fighting Measures	
Extinguishing Media	CO ₂ , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam
Special hazards arising from substance/mixture	During heating or in case of fire, poisonous gases may be produced, as well as Potassium oxides, Tellurium oxides.
Protective equipment	No special measures required.

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6- Accidental Release Measures	
Person related safety precautions	Wear suitable protective clothing. Remove contaminated clothing immediately. Avoid inhalation, contact with eyes or skin. Prevent formation of dust.
Measures for environmental protection	Prevent dispersion of material. Wipe up with damp sponge or mop.
Measures for cleaning/collectiong	Absorb material, ventilate area, and wash spill site after material has been cleaned up.
7- Handling and Storage	
Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	2-8° C
Other Precautions	Keep respiratory protective device available.
8- Exposure Controls, Personal Protection	
Component with limit value that require monitoring at the workplace	PEL - N/A ; REL - N/A ; TLV – N/A This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Engineering controls	Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.
General hygiene measures	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Personal Protective Equipment	Respiratory protection - use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards. Eye/face protection - Use equipment for eye protection tested and approved under appropriate government standards. 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. Body Protection - Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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9- Physical and Chemical Properties

Form	Homogenous, free-flowing powder
Color	Yellow, Opaque
Odure	Characteristic

10- Stability and Reactivity

Stability	Stable under ordinary conditions of use and storage.
Incompatible materials	Strong oxidizing agents. Incompatible with Bromine trifluoride.
Hazardous decomposition products	Hydrogen chlorine.

11- Toxicological Information

Primary irritant effect	<p>Skin- harmful if absorbed through skin. Causes skin irritation.</p> <p>Eye- Causes serious eye irritation.</p> <p>Inhalation - May be harmful if inhaled. Causes respiratory tract irritation.</p> <p>Ingestion - Toxic if swallowed.</p> <p>Sensitization - No sensitizing effects known.</p> <p>Specific target organ toxicity - Inhalation - may cause respiratory irritation.</p> <p>Subacute to chronic toxicity - Target organs: Respiratory tract, eyes, kidneys, and skin.</p> <p>Additional toxicological information- Harmful. Lithium chloride has shown some evidence of reproductive effects in laboratory animals. Investigated as a tumorigen.</p>
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12- Ecological Information

Ecological measures	Water Hazard Class 1: Slightly hazardous for water. The ecological effects have not been thoroughly investigated, but currently none have been identified.
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13- Disposal Information

Disposal Information	Smaller quantities can be disposed of the household waste. Must not be disposed of with solid waste. Must be specially treated adhering of official regulations. RCRA Hazardous Waste: No.
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14- Transport Information

UN number	ADR/RID: 3284	IMDG: 3284	IATA: 3284
UN proper shipping name	ADR/RID: TELLURIUM COMPOUND, N.O.S. (Dipotassium trioxotellurate)	IMDG: TELLURIUM COMPOUND, N.O.S. (Dipotassium trioxotellurate)	IATA: Tellurium compound, n.o.s. (Dipotassium trioxotellurate)
Transport hazard class	ADR/RID: 6.1	IMDG: 6.1	IATA: 6.1
Packaging group	ADR/RID: III	IMDG: III	IATA: III
Environmental hazards	ADR/RID: no	IMDG Marine pollutant: yes	IATA: no

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15- Regulatory Information

EU Regulations, Hazard Symbol(s):	Lithium Chloride: Xn (Harmful) Sodium Pyruvate: Xi (Irritant)
Risk Phrases:	R 22, Harmful if swallowed R 36 / 37 / 38, Irritating to eyes, respiratory system, and skin
Safety Phrases:	S 26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36 / 37 / 39, Wear suitable protective clothing, gloves, and eye protection.

16- Other Information

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Acumedia Manufacturers, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.