

Effective date: 22-05-2016	Hy-Labs Cat. No: DD-005	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-DD-005		MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification	
Product Name	CHOKOLATE AGAR+SUP./ NYC MED.
Reference number	DD-005
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 #
di-Potassium hydrogen phosphate trihydrate for analysis EMSURE®	16788-57-1
Sodium chloride	7647-14-5
Amphotericin B	1397-89-3
L-cysteine hydrochloride monohydrate	7048-04-6
Potassium phosphate dibasic	7758-11-4
Potassium dihydrogen phosphate for analysis EMSURE® ISO	7778-77-0
Pepsin	9001-75-6
Vancomycin	1404-90-6
3- Hazard Specifications	
May cause sensitization by skin contact. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. May cause serious Eye irritation.	
4- First Aid Measures	
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin	Wash off with soap and plenty of water. Consult a physician.
Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects	Irritant effects, gastric pain, Diarrhea, Nausea, Headache, Vomiting, Discomfort.
5- Fire Fighting Measures	
Extinguishing Media	CO ₂ , ABC multipurpose dry chemical or water spray. Fight larger fresh with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture	Carbon oxides, nitrogen oxides (NO _x), Sulphur oxides, Sodium oxides, Potassium oxides, Fire may cause evolution of: Hydrogen chloride gas, Oxides of phosphorus.
Protective equipment	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

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6- Accidental Release Measures

Person related safty precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Methods and materials for containment and cleaning up	Do not let product enter drains.
Measures for cleaning/collectiong	For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. Place spilled material in an appropriate container for disposal.

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.
Storage	2-8°C.

8- Exposure Controls, Personal Protection

General protective and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal Protective Equipment	<p><u>Respiratory</u> - For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143).</p> <p><u>Body</u> - 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> <p><u>Eyes</u> - Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p><u>Hands</u> - 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.</p>

9- Physical and Chemical Properties

Form	Solid.
Color	CHOKO – light brown; NYC – amber, transparent.

10- Stability and Reactivity

Stability	Stable under recommended storage conditions.
Conditions to avoid	Strong heating (decomposition).
Incompatible materials	Strong oxidizing agents, Bases, acids. Incompatible with: Alcohol, Alkalis, tannins, Heavy metal salts. Exothermic reaction with: Lithium.
Hazardous decomposition products	No data available.

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11- Toxicological Information	
Primary irritant effect	IARC: 2A - Group 2A: Probably carcinogenic to humans (Ferric nitrate nonahydrate).
Potential health effects	Inhalation - may be harmful if inhaled. Causes respiratory tract irritation. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Ingestion - LDLO rat: 4.640 mg/kg (RTECS)Symptoms: Nausea, Vomiting, gastric pain, Diarrhoea, Discomfort. Skin - may be harmful if absorbed through skin. Causes skin irritation. LD50 rabbit: > 4.640 mg/kg (RTECS). Eyes - may causes serious eye irritation.
Additional Information	Lowered blood pressure, Abdominal pain, Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
12- Ecological Information	
Toxicity	Toxicity to fish: LC0 Leuciscus idus (Golden orfe): ca. 900 mg/l; 48 h (IUCLID), LC50 Pimephales promelas (fathead minnow): 7.650 mg/l; 96 h (IUCLID) Toxicity to daphnia and other aquatic invertebratesEC50 Daphnia magna (Water flea): 1.000 mg/l; 48 h (IUCLID).
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
13- Disposal Information	
Disposal Information	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	
Not applicable.	
15- Regulatory Information	
Safety Phrases	This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of ≥ 0.1 % (w/w). Keep container tightly closed. Do not breathe dust. n case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.
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.	