

Effective date: 20-04-2013	Hy-Labs Cat. No: TT-252	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-TT-252		MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification	
Product Name	MacConkey Broth
Reference number	TT-252
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 #
oxgall	8008-63-7
3- Hazard Specifications	
Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Xi; Irritant R36/37/38: Irritating to eyes, respiratory system and skin Hazard-determining components of labelling: oxgall Risk phrases: 36/37/38 Irritating to eyes, respiratory system and skin Safety phrases: 7 Keep container tightly closed, 22 Do not breathe dust, 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, 36 Wear suitable protective clothing.	
4- First Aid Measures	
General information	No special measures required
After inhalation	Supply fresh air; consult doctor in case of complaints
After skin contact	Immediately wash with water and soap and rinse thoroughly
After eye contact	Rinse opened eye for 15 minutes under running water, Then consult a doctor
After swallowing	If symptoms persist consult doctor
Information for doctor	Show this product lable or this MSDS
5- Fire Fighting Measures	
Suitable extinguishing agents	CO ₂ , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alchohol resistant foam
Protective equipment	No special measures required
6- Accidental Release Measures	
Person precautions, protective equipment and emergency procedures	Not required
Environmental precautions	Wipe up with damp sponge or mop
Methods and material for containment and cleaning up	No special measures required
Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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7- Handling and Storage	
Handling	Liquid
Precautions for safe handling	No special measures required
Information about protection against explosions and fires	No special measures required
Storage	15-25° C
Information about storage in one common storage facility	Store away from oxidizing agents
8- Exposure Controls and Personal Protection	
Components with limit values that require monitoring at the workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
General protective and hygienic measures	Keep away from foodstuffs, beverages and feed Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work Avoid contact with the eyes and skin
Breathing equipment	In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator
Protection of hands	Chemical resistant gloves (i.e. nitrile, or equivalent)
Eye protection	Safety glasses
Body protection	Protective work clothing (lab coat)
9- Physical and Chemical Properties	
Form	Liquid
Color	Purple, Clear, Without Precipitate
Odure	Characteristic
10- Stability and Reactivity	
Thermal decomposition / conditions to be avoided	No decomposition is used according to specifications
Hazardous decomposition products	Carbon monoxide (CO) and carbon dioxide (CO ₂)
11- Toxicological Information	
Primary irritant effect- on the skin	Irritant to skin and mucous membranes
Primary irritant effect- on the eye	Irritating effect
Sensitization	No sensitizing effects known
Additional toxicological information	The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
12- Ecological Information	
Acquatic toxicity	No further relevant information available
Other information	The ecological effects have not been thoroughly investigated, but currently none have been identified
General notes	Water danger class 3 (Self-assessment): extremely hazardous for water

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13- Disposal Information	
Waste treatment methods recommendation	Smaller quantities can be disposed of with solid waste Must adhere to official regulations
Uncleaned packagings recommendation	Disposal must be made according to state and federal regulations
Recommended cleansing agent	Water, if necessary with cleansing agents
14- Transport Information	
DOT regulations: Hazard class: - TDG class: - IMDG Class: - Marine pollutant: No Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: -	
15- Regulatory Information	
TSCA (Toxic Substances Control Act)	
63-42-3	lactose
8008-63-7	oxgall
115-40-2	bromocresol purple
Canadian Domestic Substance List (DSL)	
63-42-3	lactose
8008-63-7	oxgall
115-40-2	bromocresol purple
National regulations - Water hazard class: Water danger class 3 (Self-assessment) - extremely hazardous for water.	
16- Other Information	
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