









MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
Product Name or Identity: DM069-Czapek Dox Agar (Thom & Church)			
Manufacturer's Name & Address	Micromaster Laboratories Private Limited Unit 38/39, Kalpataru Industrial Estate, Off Ghodbunder Road, Nr. 'R-Mall' Thane (W)-400607. M.S. INDIA.	Emergency Phone No.:	+91 22 25895505/ 25895505 /25894760
Reference:	According to Regulation (EC) No.1907/2006	Email:	micromaster@micromaster lab.com
Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Sucrose	30.00	*Sodium nitrate	2.00
Dipotassium phosphate	1.00	Magnesium sulphate	0.50
*Potassium chloride	0.50	*Ferrous sulphate	0.01
Agar	15.00		
Final pH (at 25°C) 7.3±0.2			
* Harmful / Oxidising material			
		Sodium nitrate CAS No. : 7631-99-4 R : 8-22-36/37/38 S : 17-26-27-36/37/39 RTECS : WC 5600000	
	Potassium chloride CAS No. : 7447-40-7 R : 36/37/38 S : 26-36 RTECS : TS 8050000		
	Ferrous sulphate CAS No. : 7782-63-0 R : 22 S : 36/37/39 RTECS : NO 8510000		
Section 3. Health Hazard Identification			
	Hazard : Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage. Caution : Avoid contact with the human body, including inhalation of the vapours and in cases of malaise consult a doctor.		
	Hazard : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult. Caution : Keep away from combustible material. Hazard : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs. Caution : Do not breathe vapours and avoid contact with skin and eyes.		






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Section 4. First Aid Measures
<p>Description of first aid measures</p> <p>General advice Consult a physician. Show this safety data sheet to the doctor in attendance.</p> <p>If inhaled In case of swallowing, wash out mouth with water provided person is conscious.</p> <p>In case of skin contact flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes</p> <p>In case of eye contact Wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.</p>
Section 5. Fire and Explosion Hazard Data
<p>Flammable Properties- N/A</p> <p>Suitable Extinguishing Media- Use Water Spray, Alcohol-Resistant Foam, Dry Chemical Or Carbon Dioxide.</p> <p>Special Protective Equipment For Fire-Fighters- Wear Self Contained Breathing Apparatus For Fire Fighting If Necessary.</p>
Section 6. Accidental Release Measures
<p>Personal Precautions- Avoid forming dust.</p> <p>Environmental Precautions- Do Not Let Product Enter Drains.</p> <p>Methods For Cleaning Up- Sweep Up And Shovel. Keep In Suitable, Closed Containers For Disposal.</p>
Section 7. Handling and Storage
<p>Handling - Refer to Section 8</p> <p>Storage - Store below 30°C</p>
Section 8. Exposure Controls / Personal Protection
<p>Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.</p>
Section 9. Physical and Chemical Properties
<p>Appearance : Homogeneous powder</p> <p>Colour : Cream to yellow</p>
Section 10. Stability and Reactivity
<p>Storage Stability- Stable Under Recommended Storage Conditions.</p> <p>Materials To Avoid-Strong Oxidizing Agents, Strong reducing agents, Powdered metals, Strong acids, Organic materials.</p> <p>Hazardous Decomposition Products</p> <p>Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sulphur Oxides, Hydrogen chloride gas, Potassium oxides, Sodium oxides, Magnesium oxide.</p>
Section 11. Toxicological Information
<p>Acute Effects : May be harmful if swallowed.</p> <p>Exposure can cause : Severe inflammation of the colon. Appears to penetrate well into bone and central nervous system Possess neuromuscular blocking activity Stomach pains, vomiting, diarrhea.</p>



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Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Target organ(s) : G.I. System RTECS No. : WC 5600000 NO 8510000 TS 8050000 For complete information RTECS may be referred
Section 12. Ecological Information
N/A
Section 13. Disposal Considerations
Dispose Of Any Unused Material. Observe All Federal, State And Local Environmental Regulations
Section 14. Transport Information
UN No. : Not applicable.
Section 15. Regulatory Information
Risk Phrases : Contact with combustible material may cause fire Risk Phrases : Harmful if swallowed Risk Phrases : Irritating to eyes, respiratory system and skin Safety Phrases : Keep away from combustible material Safety Phrases : Take off immediately all contaminated clothing Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : Wear suitable protective clothing
 Significance of signs : Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.
 Significance of signs : Oxidizing substances can ignite combustible material or worsen existing fires and Thus make fire-fighting more difficult.
 Significance of signs : This symbol designates substances which may have an irritant effect on skin, eye and respiratory organs.
Section 16. Other Information
WARRANTY : This document 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. Micromaster Laboratories 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. DISCLAIMER: For Laboratory use only. Not for drug, household or other uses.

DM069MSDS, QAD/FR/030, Rev.00/01.01.2018