

## Material Safety Data Sheet

Name of the Product

Czapek Yeast Extract Agar

Code No. Section 1

: Chemical Identification

Code No. : DM 2335

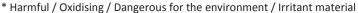
Name of the Product : Czapek Yeast Extract Agar Produced by : Central Drug House Pvt. Ltd.

Address : 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)

**DM 2335** 

Tel. No. : 00 91 11 49404040

Section 2	Chemical Ingredients	Grams/Litre	Ingredients	Grams/Litre
	Yeast extract	5.00	Sucrose	30.00
	*Sodium nitrate	1.00	*Potassium chloride	0.05
	Magnesium sulphate	0.05	*Ferrous sulphate	0.001
	Zinc sulphate	0.001	*Copper sulphate	0.0005
	Dipotassium hydrogen phosphate	1.00	Agar	15.00







Sodium nitrate CAS No. : 7631-99-4

R: 8-22-36/37/38 S: 17-26-27-36/37/39



Potassium chloride CAS No. : 7447-40-7 R : 37 S : 22-24/25 RTECS : TS 8050000

RTECS: WC 5600000



Zinc sulphate CAS No. : 7446-20-0

R: 36/38-50/53 S: 22-25-60-61



RTECS: ZH 5300000 Copper sulphate CAS No.: 7758-98-7

RTECS: GL 8800000

R: 22-36/38-50/53 S: 22-60-61



Ferrous sulphate CAS No.: 7782-63-0 R: 22 S: 36/37/39 RTECS: NO 8510000

### Section 3 Hazards 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: Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term. Caution: Avoid release to the environment.



Hazard: This symbol designates substances which may have an irritant effect on skin, eyes andrespiratory organs. Caution: Do not breathe vapours and avoid contact with skin and eyes.

#### Section 4 First - Aid Measures

In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, 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.

### Section 5 Fire Fighting Measures

Extinguishing Media. Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting



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	Unusual fire and explosions hazards Emits toxic fumes under fire conditions.			
Section 6	Accidental Release Measures			
	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.			
Section 7	Handling and Storage Handling - Refer to Section 8 Storage - Store below 30°C			
Section 8	Exposure Controls / Personal Protection			
	Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.			
Section 9	Physical and Chemical Properties			
	Appearance: Homogeneous powder Colour: Light yellow with slightly grenish tinge			
Section 10	Stability and Reactivity			
	Stability: Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.  Conditions to avoid: Heat and light. Decomposition products: if product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve. Hazardous polymerization will not occur.			
Section 11	Toxicological Information			
	Acute Effects: May be harmful if swallowed. 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 diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Target organ(s) G.I. System RTECS No.: WC 5600000 TS 8050000 ZH 5300000 GL 8800000 NO 8510000 For complete information RTECS may be referred.			
Section 12	Ecological Information			
	Data not available			
Section 13	Disposal Considerations			
	On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed of by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws			
Section 14	Transport Information			
	UN No. : Not applicable.			
Section 15	Regulatory Information			
	Risk Phrases : Contact with combustible material may cause fire			
Skin irritation	Risk Phrases : Harmful if swallowed			
	Risk Phrases: Irritating to eyes, respiratory system and skin			
	Risk Phrases : Irritating to respiratory system Risk Phrases : Irritating to eyes and skin			
	Risk Phrases: Wery toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment Safety Phrases: Keep away from combustible material			
	Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases: Take off immediately all contaminated clothing			
	Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : Do not breathe dust			
	Safety Phrases : Avoid contact with skin and eyes			
	Safety Phrases: Avoid contact with eyes			
	Safety Phrases: This material and its container must be disposed of as hazardous waste			
	Safety Phrases: Avoid release to the environment. Refer to special instructions/Safety data sheets  Significance of signs: Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health.			
	Non-recurring, curring or lengthy exposure to these substances may result in irreversible damage.			
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Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.

Section 16

#### **Other Information**

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.