

## Material Safety Data Sheet

Name of the Product KF Streptococcal Agar Base Code No. DM 1248

Code No. Section 1

Chemical Identification

Code No. : DM 1248

Name of the Product : KF Streptococcal Agar Base Produced by : Central Drug House Pvt. Ltd.

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

Tel. No. : 00 91 11 49404040

Section 2 Composition Ingredients Grams/Litre Ingredients Grams/Litre
Peptone, special 10.00 Yeast extract 10.00
Sodium chloride 5.00 Sodium glycerophosphate 10.00

Maltose 20.00 Lactose 1.00
\*Sodium azide 0.40 Agar 20.00

Final pH (at 25°C) 7.2±0.2

\* Toxic material

Sodium azide

CAS No. : 26628-22-8

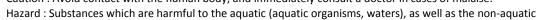
R: 28-32-50/53 S: 28-45-60-61

RTECS: VY 8050000

#### Section 3 Hazards Identification



Hazard: The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage. Caution: Avoid contact with the human body, and immediately consult a doctor in cases of malaise.



environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.

Caution: Avoid release to the environment.

#### 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 opious 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 procedures. Wear selfcontained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual fire and explosion 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 : Cream to yellow

### 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



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	Acute Effects: May be harmful if swallowed. Exposure can cause: Stomach pains, vomiting, diarrhoea. Severe inflammation of the colon. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. Appears to penetrate well into bone and central nervous system. Possesses neuromuscular blocking activity.
	Target organ(s): G.I. system
	RTECS No.: VY 8050000
	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 off 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 : Very toxic if swallowed
	Risk Phrases : Contact with acids liberates very toxic gas
	Risk Phrases: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
	Safety Phrases : After contact with skin, wash immediately with plenty of water.
	Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
	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
Acute toxicity	Significans of signs: The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.
Hazardous to the aquatic environment	Significance of signs: 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.
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.