









Dehydrated Culture Media
Bases / Media Supplements




Material Safety Data Sheet

| | | | |
|---|--|--|---|
| Name of the Product Code No. | | Kanamycin Esculin Azide Agar DM1510 | |
| Section 1 | Chemical Identification | | |
| | Code No. | : | DM1510 |
| | Name of the Product | : | Kanamycin Esculin Azide Agar |
| | 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 | Grams/Litre | Ingredients |
| | Ingredients | | |
| | Casein enzymic hydrolysate | 20.00 | Yeast extract |
| | Sodium chloride | 5.00 | Sodium citrate |
| | Esculin | 1.00 | * Ferric ammonium citrate |
| | *Sodium azide | 0.15 | *Kanamycin Sulphate |
| | Agar | 12.00 | |
| | Final pH (at 25°C) | 7.0±0.2 | |
| | * Irritant / Toxic material | | |
| | Sodium azide | | |
|  | CAS No. : 26628-22-8 | | |
| | R : 28-32-50/53 S : 28-45-60-61 | | |
| | RTECS : VY 8050000 | | |
|  | Kanamycin sulphate | | |
| | CAS No. : 70560-51-9 | | |
| | R : 61 S : 53-36/37/39-45 | | |
|  | Ferric ammonium citrate | | |
| | CAS No. : 1185-57-5 | | |
| | R : 36/37/38 S : 26-36 | | |
| | RTECS : GE 7540000 | | |
| 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. | | |
|  | 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 and respiratory 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 procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. | | |
| 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 | | |



Dehydrated Culture Media
Bases / Media Supplements

Material Safety Data Sheet

| | |
|---|---|
| | 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 Acute Effects : May be harmful if swallowed. Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. RTECS No. : VY 8050000 GE 7540000 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 : May cause harm to the unborn child Risk Phrases : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment Risk Phrases : Irritating to eyes, respiratory system and skin. 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. Safety Phrases : Avoid exposure - obtain special instructions before use Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing |
|  Acute toxicity | Significance 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. |
|  Skin irritation | 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. |