

[MSDS]

CK-MB Reagent Set

1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714)463-1111 Fax: (714)463-1169 www.tecodiag.com

Section 1 – Product and Company Information

Product Name	CK-MB Reagent Set	Emergency Telephone No.
Catalog Number	C614	CHEMTREC in USA (800) 424-9300
Product Type	Clinical Chemistry Reagent	International CHEMTREC (703) 527-3887
Company Name	Teco Diagnostics	Company Contact Information
Street Address	1268 N. Lakeview Avenue	Phone (714) 463-1111 or (800) 222-9880
City, State, Zip Code, Country	Anaheim, CA 92807 USA	Mon - Fri 8:00 am – 5:00 pm Pacific Time
		Fax No. (714) 463-1169

Section 2 – Hazards Identification

Emergency Overview: Gentamicin solution
Classification: This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008
Label Elements: The product does not need to be labeled in accordance with EC directives or respective national laws
Special Hazards: None
See section 11 for additional Toxicological information
Potential Acute Health Effects: Slightly hazardous (irritant) in case of skin contact, eye contact, ingestion, or inhalation
Potential Chronic Health Effects: CARCINOGENIC EFFECTS: No data available. MUTAGENIC EFFECTS: No data available. TERATOGENIC EFFECTS: No data available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition

Emergency Overview: Amphotericin B solution
Classification: This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008
Label Elements: The product does not need to be labeled in accordance with EC directives or respective national laws
Special Hazards: None
See section 11 for additional Toxicological information
Potential Acute Health Effects: Hazardous (irritant) in case of skin contact, eye contact, ingestion, or inhalation
Potential Chronic Health Effects: CARCINOGENIC EFFECTS: No. MUTAGENIC EFFECTS: No data available. TERATOGENIC EFFECTS: No data available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition

Emergency Overview: Neomycin solution
Classification: This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008
Label Elements: The product does not need to be labeled in accordance with EC directives or respective national laws
Special Hazards: None
See section 11 for additional Toxicological information
Potential Acute Health Effects: Hazardous (irritant) in case of skin contact, eye contact, ingestion, or inhalation
Potential Chronic Health Effects: CARCINOGENIC EFFECTS: No. MUTAGENIC EFFECTS: No data available. TERATOGENIC EFFECTS: No data available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition

Section 3 – Composition/Information on Ingredients

Component	Chemical Names	CAS#
Gentamicin solution	N/A	1405-41-0
Neomycin solution	N/A	1405-10-3
Amphotericin B solution	N/A	1397-89-3
Other components either non-hazardous or at concentrations below that requiring hazardous listing		

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Section 4 – First Aid Measures

Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
Skin Contact:	Wash off immediately with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation develops.
Inhalation:	Move to fresh air if inhaled. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device.
Ingestion:	If Ingested, call a physician or Poison Control Center immediately if large quantities of this material are swallowed.

Section 5- Fire and Explosive Hazard Data

Flammability of Product: May be combustible at high temperature.		
Flash Point Not available.	Explosion Limits Not available.	Autoignition Temp Not available.
Extinguishing Media SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.		
Specific Hazards Arising from the Chemical Slightly explosive in presence of open flames and sparks. Non-explosive in presence of shocks. As with most organic solids, fire is possible at elevated temperatures		
Protective Equipment and Precautions for Firefighters Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.		
NFPA Health = 1, Flammability = 1, Instability = 0, Physical Hazards = N/A		

Section 6 – Accidental Release Measures

Precautions	Use personal protective equipment e.g. lab coat, gloves, safety glasses and mask. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Take precautionary measures against static discharges. Do not get in eyes, on skin, or on clothing. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Environmental Precautions	Should not be released into the environment.
Methods for Containment and Clean Up	Remove all sources of ignition. Soak up with inert absorbent material. Take precautionary measures against static discharges. Keep in suitable, closed containers for disposal. Refer to section 13 for disposal considerations.

Section 7 – Handling and Storage

Handling	Keep away from open flames, heat and sources of ignition. Ground all equipment containing material. Keep away from incompatibles such as oxidizing agents. Do not breathe vapors or mist. Do not get in eyes, on skin, or on clothing.
Storage	Keep container tightly closed in a dry, 2-8°C temperature-controlled, and well-ventilated place. Keep away from open flames, heat and sources of ignition. Store in flammables area or cabinet.

Section 8 – Exposure Controls / PPE

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Standard laboratory grade gloves	
Exposure Guidelines: Not available.	
Personal Protective Equipment in Case of Large Spill:	Splash goggles. Full suit. Dust respirator. Boots. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

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Section 9 - Physical Data

CK-MB Diluent Reagent			
Appearance Colorless Liquid	pH Not Available	Odor Odorless	Vapor Density Not Available
Melting Point N/A	Boiling Point Not Available	Solubility Soluble with water	Vapor Pressure Not Available

Section 10 - Stability and Reactivity

CK-MB Diluent Reagent	
Stability The reconstituted reagent is stable for at least 7 days in refrigerator (2 - 8°C) and 24 hours at room temperature (15 - 30°C).	Conditions to Avoid Excessive Heat, dust generation, incompatible materials.
Hazardous Decomposition Products Not available	Materials to Avoid Strong oxidizing agents, Strong acids, Acid anhydrides, Acid chlorides, Strong bases, Metals, Peroxides
Hazardous Polymerization Does not occur	Hazardous Reactions None under normal processing

Section 11 - Toxicological information

Routes of Entry: Inhalation. Ingestion.
Toxicity to Animals: LD50: Not available. LC50: Not available.
Section 11 - Toxicological information Cont'd
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant) and ingestion.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. The toxicological properties of this substance have not been fully investigated.

Section 12 - Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Not available.
Toxicity of the Products of Biodegradation: Not available.
Special Remarks on the Products of Biodegradation: Not available.

Section 13 - Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state, and local environmental control regulations
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Section 14 - Transport Information

DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable

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Section 15 – Other Regulatory Information

Federal and State Regulations:

No products were found.

Other Regulations:

Not available.

Other Classifications:

WHMIS (Canada):

Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. S24/25- Avoid contact with skin and eyes. S28- After contact with skin, wash immediately with plenty of [***] S36/37- Wear suitable protective clothing and gloves. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard: 0

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16 – Other Information

This Product is labeled in accordance with CFR21 (Food and Drugs), Section 809.10.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. We make no warranties, express or implied, and assume no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.

N/A = Not Applicable or Not Available