Name of the Product: Mueller Tellurite Serum (25 ml per vial)

Code No.: FD100

Produced by: HiMedia Laboratories Pvt. Ltd.
Address: 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
Tel. No.: 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2: Composition
(per vial sufficient for 1000 ml medium)

- Potassium tellurite: 100.00 mg
- Calcium D Pantothenate: 0.05 mg
- Horse Serum: 12.50 ml
- Sodium lactate solution: 10.00 ml
- Ethanol: 2.50 ml

* Harmful / Irritant / Flammable material

Information on Ingredients

Potassium tellurite
CAS No.: 123333-66-4
R: 20/22 S: 22-24/25
RTECS: WY 2420000

Sodium lactate solution
CAS No.: 312-85-6
R: 36/37/38 S: 26-36

Ethanol
CAS No.: 64-17-5
R: 11 S: 7-16
RTECS: KQ 6300000

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: 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.

Hazard: Solid substances which ignite easily after a short-term effect of a source of ignition.
Caution: Avoid all contact with all sources of ignition.
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 firefighting procedures. Wear self-contained 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 -20°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: Clear solution may have slight precipitate
Colour: Light Amber

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. Severe inflammation of the colon. Appears to penetrate well into bone and central nervous system. Possesses neuromuscular blocking activity. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Target organ(s): G.I. system
RTECS No.: WY 2420000  KQ 6300000
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 : Harmful by inhalation and if swallowed
Risk Phrases : Highly flammable
Risk Phrases : Irritating to eyes, respiratory system and skin
Safety Phrases : Do not breathe dust
Safety Phrases : Avoid contact with skin and eyes
Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Safety Phrases : Keep container tightly closed
Safety Phrases : Wear suitable protective clothing
Safety Phrases : Keep away from sources of ignition-No smoking

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 : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.

Significance of signs : Solid substances which ignite easily after a short-term effect of a source of ignition.

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 users’ obligation to investigate and determine the suitability of the information for their particular purpose.