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MATERIAL SAFETY DATA SHEET	MID-67 Issue: 1 February 2002
Product Name	Microgen Listeria-ID 20 test kit
Product Code	MID-67
1. Product Description	Identification kit for Listeria species
2. Product Composition	<p>MID67a - Haemolysin Reagent: sheep erythrocytes diluted in peptone water containing nutrients</p> <p>MID67b - Suspending Broth: liquid media for the suspension of listeria colonies</p> <p>MID67c - Test Strip: polystyrene plate coated with 11 biochemical substrates plus 1 uncoated well for haemolysis testing, as follows;</p> <p>Esculin: dried water-based solution containing aesculin and ferric citrate.</p> <p>Mannitol: dried water-based solution containing mannitol and bromocresol purple.</p> <p>Xylose: dried water-based solution containing D-xylose and bromocresol purple.</p> <p>Arabitol: dried water-based solution containing D-arabitol and bromocresol purple.</p> <p>Ribose: dried water-based solution containing D-ribose and bromocresol purple.</p> <p>Rhamnose: dried water-based solution containing rhamnose and bromocresol purple.</p> <p>Trehalose: dried water-based solution containing trehalose and bromocresol purple.</p> <p>Tagatose: dried water-based solution containing D-tagatose and bromocresol purple.</p> <p>Glucose-1-phosphate: dried water-based solution containing glucose-1-phosphate and bromocresol purple.</p> <p>Methyl-D-glucoside: dried water-based solution containing methyl-d-glucopyranoside and bromocresol purple.</p> <p>Methyl-D-mannoside: dried water-based substrate containing methyl-d-mannopyranoside and bromocresol purple.</p>
3. Health Hazards	Non-hazardous before reconstitution. May be infectious when reconstituted with suspended micro-organisms. Inoculated material should be treated as infectious.

4. First Aid Measures	Irrigate eyes thoroughly with water. If discomfort continues, obtain medical assistance. Wash out mouth thoroughly with water. In severe cases, obtain medical assistance.
5. Fire Precautions	Not applicable
6. Spill and Release Measures	Mop up with plenty of water and run to waste, diluting greatly with running water. Wash site of spillage with detergent and water.
7. Handling and Storage	Store at 2-8°C, no special handling requirements
8. Exposure Control/ Personal Protection a. Eye Protection b. Respiratory Protection c. Skin d. Other	Wear plastic or rubber gloves a. Irrigate eyes with excess water b. None c. Wash off with soap and water d. May be harmful if ingested in large quantities
9. Physical Properties	MID67a - red/brown aqueous suspension MID67b - straw/brown coloured solution MID67c - polystyrene strip comprising 12 wells
10. Stability	Stable until expiry date shown on carton, when stored at 2-8°C.
11. Toxicological Information	Non-toxic
12. Environmental Information	No environmental impact
13. Waste Disposal	Before inoculation/reconstitution: no special requirements. Used materials should be autoclaved, incinerated or immersed in germicide prior to disposal.
14. Transportation	This material is not considered dangerous or hazardous for transportation.
<p>The above information is based on data available and is believed to be correct. Since the information may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use and all persons receiving it shall make their own determinations of the effects, properties and protections which pertain to their particular conditions.</p> <p>No representation, warranty or guarantee, expressed or implied (including a warranty of fitness or merchantability for a particular purpose), is made with respect to the material, the accuracy of this information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Caution should be used in the handling and use of the material.</p>	
Originator:	Date:
Operations Director:	Date: