

SAFETY HAZARD SHEET

**Section 1: chemical name and company details**

**Gram Positive Susceptibility Plates + Identification Plate**

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**Section 2: composition and information on ingredients**

Microtitre panel containing 32 Identification media:

**Sugar utilisation:-** Rhamnose, Mannitol, Trehalose, Maltose, Glucose, Sucrose, Sorbitol, Glycerol,  $\beta$ -methyl-glucoside

**Enzyme activity detection:-** FR13 FR16 FR15 FR14 FR17 FR18 FR19 FR20 FR21 FR22  
FR23 FR24FR25 FR26 FR27 FR28 FR29 FR30 FR31 FR32

**Decarboxylase: -** Arginine

**Other:-** Urea, Aesculin

**Antibiotics:-** Dried antibiotics with or without Gram Positive Substrate (GPSIW)

**Section 3: hazards identification**

This product is not classified as hazardous and no known health hazard is known to be associated with exposure to this product.

This product is however used in conjunction with bacterial cultures and any hazards associated with the cultures in use should be recognised and appropriate additional precautions or action taken

**Section 4: first aid measures**

**Eyes** Wash with copious amounts of water and see a physician if symptoms persist

**Skin** Wash with soap/water, consult a doctor if irritation develops

**Ingestion** Not applicable under normal conditions of use but seek medical attention if abdominal distress occurs

**Inhalation** Not applicable under normal conditions of use but seek medical attention is respiratory distress occurs

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**Section 5: fire fighting measures**

No special precautions are required in the event of fire use a Fire Extinguisher appropriate to local fire conditions.

Other considerations. It may be possible for the plastic that comprises the panel itself to evolve toxic fumes, when dealing with a fire involving large numbers of panels self contained breathing apparatus would be recommended.

**Section 6: accidental release measures**

Solid spills are unlikely under normal conditions of use as deliberate physical removal of well contents would be required, after reconstitution however a liquid spill could happen. In this event the spill would constitute a biohazard and should be removed by absorption, disinfection and all materials autoclaved or incinerated

**Section 7: handling and storage**

Store at 15-25°C in the original packaging

**Section 8: exposure controls, personal protection**

In general no personal protection is required, but for this products intended use with bacterial cultures the usual precautions of a laboratory coat, safety glasses and appropriate gloves would be recommended

Additional requirements may be indicated by assessment on use of any given bacterial species Such as masks or safety cabinets.

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**Section 9: physical and chemical properties**

96 well microtitre tray with 32 dried thin film identification media and 64 dried thin film antibiotic drugs with GPSIW solution

**Section 10: stability and reactivity**

Stable under normal conditions of use and storage, avoid high temperatures as this may degrade constituent organic components.

**Section 11: toxicological information**

**ID**

4-methylumbelliferone (4MU), 7-amino-4-methyl Coumarin (7AMC) and Sugar Derivative No. 1, are all classified as irritant in their unadulterated state, some of the unclassified conjugated substrates that contain 4MU and 7AMC are also likely irritants. At the levels of use and with even these low levels locked away in a thin film in the bottom of the microtitre well it is not likely that irritation to an operator can occur. All other components of the media present are classified as non hazardous and as such pose no risk. (a cosh information sheet is available on request)

**GPSIW**

This product contains Component 1, Component 2, Component 3 and Component 4. None of the above is considered harmful. All are possible irritants in their un-adulterated state.

**ANTIBIOTIC**

It is not considered likely at levels present in a thin film that irritation will occur on accidental exposure. All the drugs present are generally classified as hazardous, with label precautions running from irritant to toxic in their unadulterated state. At the levels of use and with even these low levels locked away in a thin film in the bottom of the microtitre well it is not likely that significant exposure to an operator can occur.

All other components of the media present are classified as non hazardous and as such pose no risk. (An information sheet is available on request)

**Section 12: ecological information**

No relevant studies have been identified



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### Section 13: disposal considerations

Uncontaminated panels should be disposed of as non hazardous waste according to local/federal waste disposal regulations.

Broth inoculated with bacterial cultures should be sterilised by autoclaving or incineration prior to disposal according to local/federal waste regulations.

### Section 14: transport information

No special EU or US shipping regulations/restrictions affect the shipping of this product.

### Section 15 regulatory information

**Risk phrases:** none

**Safety phrases:** none

**EC classification:** not classified

### Section 16 other information

The above information is believed to be correct but does not purport to be all inclusive and should only be used as a guide. TREK shall not be held responsible for any damage resulting from handling or contact with the above material

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