

SAFETY DATA SHEET

Section 1 chemical name and company details

Gram Negative Susceptibility + Identification plates

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Section 2 composition and information on ingredients

Microtitre panel containing 32 identification media:

Sugar utilisation:- Sorbitol, Xylose, Sucrose, Trehalose, Mannitol , Maltose
Inositol, Fructose, Arabitol, Arabinose, Raffinose, Cellobiose

Carbon source utilisation:- Malonate, Citrate, Pyruvate, Agmatine

Enzyme activity detection:- FR1, FR12, FR9, FR3, FR8, FR4, FR10, FR5, FR7, FR6

Decarboxylase:- Ornithine, Lysine, Arginine

Other:- Aesculin, TDA, Urea

Antibiotics:- Dried antibiotics and with or without GNSIW solution (fluorescent reagent)

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 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 room temperature (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 up to 64 dried thin film antibiotic drugs with GNSIW solution if applicable and 32 dried thin film identification media.

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

Identification Media

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. (an information sheet is available on request)

GNSIW

This product contains Component 1, Component 2 and Component 3.

None of the above is considered harmful. All are possible irritants in their un-adulterated state. It is not considered likely at levels present in a thin film that irritation will occur on accidental exposure.

Antibiotics

All the antibiotics 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)

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Section 12 ecological information

No relevant studies have been identified

Section 13 disposal considerations

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

Plates 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 held responsible for any damage resulting from handling or contact with the above material.

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