



SAFETY DATA SHEET

SDS

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1. Identification

Product Name: Dip N Count Date Issued : **April 20, 2015**

Product Numbers: B30U0

Intended Use: For semi-quantitative culture testing for the detection of urinary tract infections.

Supplier: STARPLEX SCIENTIFIC INC. **PHONE NUMBER: 1-800-665-0954**
50A STEINWAY BLVD, **FAX NUMBER: (416) 674-6067**
ETOBICOKE ,ONTARIO,
M9W 6Y3

Information Department: QA Technical Services

Emergency Information: In case of chemical emergency, spill, fire, exposure or accident, contact Starplex Scientific Inc. (416) 674-7474 or 1-800-665-0954.

2. Hazard(s) Identification

Information pertaining to particular dangers for man and the environment

MacConkey Agar & CLED Agar

No irritating effect. When used and handled according to specifications, the product does not have harmful effects according to the available information. May cause minor irritation of the eyes and skin.

<u>Ingredients</u>	<u>CAS No.</u>	<u>% of Medium (per litre)</u>	<u>Classification</u>
MacConkey Agar (with C.V)	N/A	5 %	R52/53

3. Composition/Information on Ingredients

MacConkey Agar & CLED Agar

This product contains no hazardous constituents or the concentration of all chemical constituents is below the regulatory threshold limits identified by the Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC and 93/112/EC.

4. First Aid Measures

MacConkey Agar & CLED Agar

General Information: No special measures required.

Ingestion: If swallowed seek medical attention if symptoms occur.

Inhalation: If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes laboured or difficult.

Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention.

Skin Contact: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before re-use.



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5. Firefighting Measures

MacConkey Agar & CLED Agar

Flash Point (Method Used): N/A

Flammability Limits: LEL – N/A, UEL – N/A

Extinguishing Media: Use CO₂, ABC multipurpose dry chemical or water spray.

Protective Equipment: No special measures.

Unusual Fire and Explosion Hazards: During heating or in case of fire, poisonous gases may be produced.

6. Accidental Release Measures

MacConkey Agar & CLED Agar

Personal Precautions: Not required.

Environmental Precautions: Prevent dispersion of material. Wipe up with damp sponge or mop.

Clean-up Methods: No special measure required.

7. Handling and Storage

MacConkey Agar & CLED Agar

Handling: Protect against physical damage. Do not use if media is contaminated. Do not use if expired. Do not touch surfaces of dip slide. If this occurs, discard unit. Bacterial growth on inoculated Dip N Count Dip Slides, are potential pathogenic organisms.

Storage: Dip N Count units should be stored at 4° - 25°C for optimal shelf life. Do Not Freeze and Avoid Strong Light since dehydration may occur. Check expiration date.

Other Precautions: No special measures required.

8. Exposure Controls/Personal Protection

Components with limit values that require monitoring.

MacConkey Agar & CLED Agar

The Dip N Count product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: The Personal Protective Equipment listed below supports general requirements for laboratory personnel. Follow the usual precautionary measures for handling microbiological products. Avoid contact with eyes, skin and clothing. Keep away from food and beverages. Wash hands before and after performing any work in the laboratory. Immediately remove any soiled or contaminated clothing.

Personal Protective Equipment: **Breathing Equipment - N/A**

Hand Protection: As required for aseptic technique

Eye Protection: May wear safety glasses or goggles

Body Protection: Wear lab coat

9. Physical and Chemical Properties

Appearance and Odour: Two separate solid gel agars on either side of a sterile plastic paddle contained in a sterile plastic capped vial. No distinctive odour.

Boiling Point: Not determined

Density: Not determined

Auto-Igniting: Not self-igniting

Solubility in Water: Partially soluble

Danger of Explosion: Does not present an explosion hazard



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pH: 7.2 +/- 0.2 @ 25°C Solvent Content: Organic solvents 0.0% Solids Content: 100.0%

10. Stability and Reactivity

Stability: Stable Conditions to Avoid: No decomposition if used according to specifications.
Incompatibility: Incompatible with strong acids or oxidizers.
Hazardous decomposition or By-products: MacConkey Agar- Chlorine CLED Agar- N/A
Hazardous Polymerization: Will not occur. No dangerous reactions known.

11. Toxicological Information

MacConkey Agar & CLED Agar
When used and handled according to specifications and according to available information, this product does not have any harmful effects.

12. Ecological Information

Ecotoxicity Tests: Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.

13. Disposal Considerations

Waste Disposal Method: Disposal of inoculated dip slides should comply with provincial, state and local laws. Autoclave at 121°C or immerse in a bacteriocidal solution and dispose in a biohazard bag.

14. Transport Information

DOT Regulations: Not regulated Land Transport ADR/RID (Cross-border): Not regulated
Maritime Transport: Not regulated Marine Pollutant: No
Air Transport ICAO-TI/ IATA-DGR: Not regulated

15. Regulatory Information

EU Regulations: Not Applicable

16. Other Information

To the best of our knowledge, the information contained herein is accurate. However neither Starplex Scientific Inc. nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information. Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Department issuing MSDS: Quality Assurance



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Contact: QA Technical Specialist

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