



Revision Date: February 21, 2012

Clinical Dipslide with Microbiological Culture Agar

Section 1: Product and Company Information

Catalogue #: MC-400
Trade Name: Clinical Dipslide
Manufacturer: Qualicum Scientific Ltd/Solar Biologicals Inc.
15 Capella Ct, Unit 128
Ottawa, ON, K2E 7X1
Tel: 1-800-344-4652
Fax: 1-888-246-7769
Email: solar@solarbiologicals.com

Section 2: Composition, Information on Ingredients

Description: CLED Agar (side 1) / Eosin Methylene Blue (EMB) Agar (side 2) mounted on plastic slides and supported in a transparent, plastic vial.

Chemical Characterization: Mixture consists of the following components: (Any hazardous chemicals present are in concentrations lower than the regulatory threshold limits specified by 29 CFR 1910.1200.)

Component	CAS #	Weight (%)	TLV Units
Side 1: CLED			
Peptone	Not applicable	0.4	Not established
Beef extract	Not applicable	0.3	Not established
Tryptone	Not applicable	0.4	Not established
Lactose	63-42-3	1	Not established
L-Cystine	56-89-3	0.0128	Not established
Agar	9002-18-0	1.5	Not established
Bromothymol Blue	76-59-5	0.002	Not established
Side 2: EMB			
Peptone	Not applicable	1	Not established
Lactose	63-42-3	1	Not established
Dipotassium Hydrogen Phosphate	7758-11-4	0.2	Not established
Agar	9002-18-0	1.5	Not established
Eosin Y	548-26-5	0.04	Not established
Methylene Blue	61-73-4	0.0065	Not established

Section 3: Hazards Identification

Associated Hazards: Not classified as hazardous under usual laboratory handling.



Section 4: First Aid Measures

- Eye Contact:** Wash eyes with plenty of water for at least 15 minutes, including upper and lower eyelids. Seek medical attention.
- Skin Contact:** Wash skin with mild soap and water. If irritation occurs, seek medical attention.
- Ingestion:** Wash out mouth with water if patient is conscious and have patient drink 1-3 glasses of water to dilute stomach contents. Never give an unconscious person anything by mouth. Seek medical attention if ingested.

Section 5: Fire Fighting Measures

This product does not present a flammable or explosion hazard. However, should there be a fire dry chemicals, CO₂, water spray, or foam can be used to extinguish.

Section 6: Accidental Release Measures

- Personal Precautions:** No specific measures are necessary.
- Methods of Containment and Spill Cleanup:** No special measures are required if not yet inoculated; simply collect in suitable container for disposal. Flush area with water. If inoculated, transfer to a suitable container for disposal (see Section 13) and follow appropriate decontamination protocol of the area.

Section 7: Handling and Storage

- Handling:** Avoid hand-mouth contact, contact with eyes, skin, and clothing. Product is intended for laboratory use only.
- Storage:** Store clinical dipslides at room temperature (20-25°C / 68-77°F), out of draughts and away from direct light. Store away from acids, alkalis, and strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

- Protective Measures:** The usual precautionary measures for handling chemicals should be followed. Protection of hands should be achieved using disposable latex/nitrile gloves. Safety glasses for eye protection and protective work clothing (lab coats) for body protection is recommended.
- Exposure Limits:** There are no hazardous components in this product and it therefore does not carry established occupational exposure limits.

Section 9: Physical and Chemical Properties

- Physical State:** Solid
- Colour:** CLED Agar: Green
EMB Agar: Maroon



Section 10: Stability and Reactivity

Stability: Stable under recommended storage and handling conditions.
Conditions to Avoid: Strong acids, alkalis, and strong oxidizing agents.

Section 11: Toxicological Information

Acute Toxicity: No acute toxicity hazard is known for this product.
Chronic Toxicity: Currently no chronic toxicity effects are known for any of the ingredients listed.

Section 12: Ecological Information

Ecotoxicity: No relevant studies identified.

Section 13: Disposal Considerations

Disposal Considerations: Sterilize inoculated dipslides before disposal by autoclaving, incinerating, or soaking in a bleach solution overnight. Dispose in accordance with local and national regulations.

Section 14: Transport Information

UN/NA Number: Not classified

Section 15: Regulatory Information

Risk Phrases: Not applicable
Safety Phrases: Avoid contact with eyes and skin.
EC Classification: This product is not classified according to EU regulations.

Section 16: Other Information

Creation Date: 1 January 2001
Revision Date: 21 February 2012

Disclaimer. The information provided in this Material Safety Data Sheet is, to the best of our knowledge, correct. The information provided herein is supplied only as a guide for the safe handling, storage, use, processing, transportation, and disposal and is not intended as a warranty of any kind. The information relates only to the materials provided and may not be valid when used in combination with other materials during any process. Qualicum Scientific Ltd/Solar Biologicals does not assume liabilities for the accuracy or completeness of information contained herein and assumes no liability resulting from use of this product. There may be unknown hazards associated with the materials and caution should be exercised when using the product. Final determination of suitability of any material is the sole responsibility of the user.