

MATERIAL SAFETY DATA SHEET

MACCONKEY AGAR PLATES**P90/MAC - 20**

SECTION 1: PRODUCT AND COMPANY INFORMATION

- **Product Name:** MacConkey Agar Plates
- **Product Code:** P90/MAC -20
- **Product Description:** Non-Hazardous Growth Medium
- **Product Use:** in-Vitro Diagnostic Use
- **Details of supplier:** Chromogenic Life Sciences (India) Pvt. Ltd., Ground Floor, Plot No.70/71, Road No. 3, IDA Phase I, Cherlapally, Hyderabad, Telangana -500051, India.

SECTION 2: HAZARDS IDENTIFICATION

This product is Non-Hazardous, contains no hazardous constituents or concentration. Substances may have an irritant effect on skin, eyes, and respiratory organs.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Approximate Formula Per Liter	
Pancreatic Digest of Gelatin	17.0 g
Peptones (meat and casein).	03.00 g
Lactose	10.0 g
Bile Salts No. 3	1.5 g
Sodium Chloride	5.0 g
Agar	13.5 g
Neutral Red	0.03 g
Crystal Violet	1.0 mg

SECTION 4: FIRST AID MEASURE

- **General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.
- **If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- **In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

- **In case of eye contact:** Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
- **If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5: FIRE FIGHTING MEASURES

- **Flammability:** Not applicable
- **Firefighting:** Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear protective equipment (Gloves and safety glasses).
- Wear self-contained breathing apparatus and protective clothing. Be sure to use an approved/certified respirator or equivalent.
- Carefully collect spills and place them in containers for disposal and as per bio waste disposal policy.

SECTION 7: HANDLING AND STORAGE

- Follow the directions on the product label.
- **Handling:** Refer to Section 8
- **Storage:** Store in 10-15°C and well closed and protected from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Measures:

- Hands Disposable gloves.
- Eyes Safety glasses or chemical goggles to EN166, 167 and 168.
- Body Lab coat / Aprons.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Physical Appearance:** 90 mm petri plates with a smooth surface and absence of any particles, cracks, or bubbles.
- **Colour:** Reddish Purple colour
- **pH:** 7.1 ± 0.2

SECTION 10: STABILITY AND REACTIVITY DATA

- **Stability:** Stable under recommended storage and handling conditions.
- **Reactivity:** No data available

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute toxicity:** No data available
- **Skin corrosion/irritation:** No data available
- **Serious eye damage/eye irritation:** No data available
- **Respiratory or skin sensitisation:** No data available
- **Germ cell mutagenicity:** No data available
- **Carcinogenicity:** IARC: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
- **Reproductive toxicity:** No data available
- **Specific target organ toxicity- single exposure:** No data available
- **Aspiration hazard:** No data available

SECTION 12: ECOLOGICAL INFORMATION

- Not determined

SECTION 13: DISPOSAL CONSIDERATION

- This material is not regarded as hazardous waste.
- If inoculated with microorganisms, decontaminate by autoclaving prior to disposal.
- Must be disposed in full compliance with all local Environmental Regulations.

SECTION 14: TRANSPORT INFORMATION

- Non-Hazardous For Transport
- Non-Hazardous For Air Transport

SECTION 15: REGULATORY INFORMATION

- This material is subject to IVD/98/79/EC directive.
- **Hazard Phrases:** Not applicable.
- **Safety Phrases:** Not applicable.
- **Safety Phrases:** Not applicable.

SECTION 16: OTHER INFORMATION

This product is for In vitro use only. This information is intended used to be only as a guide. All Chemicals may present unknown health hazards and should be used with caution. Chromomeric life Science India Pvt Limited shall not be held liable for the completeness or accuracy of this information or for any damage resulting from damage from contact or use of the above product.