



MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: π Code MicroDisc, Pre-activated
For research use only.

Manufacturer/Supplier: **PlexBio Co., Ltd.**
6F-1, No. 351 Yangguang Street, Neihu District, Taipei 114
Taiwan, R.O.C.
Tel: (02) 2627-5878
Fax: (02) 2627-5979

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous/Non-Hazardous Components: The product contains no substances which, at their given concentration, are considered to be hazardous to health.

SECTION 3: HAZARD IDENTIFICATION

Potential Acute Health Effects:

Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation.
Inhalation: May cause irritation of respiratory tract.
Ingestion: May be harmful if swallowed.

Potential Chronic Health Effects:

Carcinogenic Effects: Not available.
Mutagenic Effects: Not available.
Reproduction Toxicity: Not available.
Sensitization: Not available.

HMIS Code: (Health: 0) (Flammability: 0) (Reactivity: 0)
NFPA Code: (Health: 0) (Flammability: 0) (Reactivity: 0)

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 5: FIRE AND EXPLOSION DATA

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Firefighters: Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use standard laboratory practices including proper personal protective equipment.

Methods for Cleaning Up: Take up mechanically and collect in suitable container for disposal.



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SECTION 7: HANDLING AND STORAGE

Precautions: No special measures required.
Storage: Store according to product specifications.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection: Follow usual standard laboratory practices. Use appropriate chemical resistant gloves, appropriate safety glasses and wear protective work clothing.
Exposure Limits: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Liquid Solution.	Vapor Pressure:	Not available.
Odor:	Not available.	Vapor Density:	Not available.
Taste:	Not available.	Volatility:	Not available.
Molecular Weight:	Not available.	Odor Threshold:	Not available.
pH (1% soln/water):	Not available.	Water/Oil Dist. Coeff.:	Not available.
Boiling Point:	Not available.	Ionicity (in Water):	Not available.
Melting Point:	Not available.	Dispersion Properties:	Not available.
Critical Temperature:	Not available.	Solubility:	Not available.
Specific Gravity:	Not available.		

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable under recommended shipping and storage conditions.
Reactivity: The product is stable under recommended shipping and storage conditions.
Conditions to Avoid: Excess heat and moisture.
Materials to Avoid: Strong acids/alkalis, strong oxidizing/reducing agents.
Hazardous Decomposition Products: Not available.
Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Acute Health Effects:
Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation.
Inhalation: May cause irritation of respiratory tract.
Ingestion: May be harmful if swallowed.
Potential Chronic Health Effects:
Carcinogenic Effects: Not available.
Mutagenic Effects: Not available.
Reproduction Toxicity: Not available.
Sensitization: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Exotoxicity Effects: Undetermined.
Mobility: Undetermined.
Biodegradation: Undetermined.



SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: This substance is considered non-hazardous for transport.

IATA: This substance is considered non-hazardous for air transport.

SECTION 15: OTHER REGULATORY INFORMATION

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4):

This product is not reportable under 40 CFR Part 302.4.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355):

This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370):

This product is not defined as hazardous by OSHA under 29 CFR Part 1910.1200(d).

SARA TITLE III SECTION 313 (40 CFR Part 372):

This product does not contain any of the substances on the Toxic Chemicals List in 40 CFR Part 372.

U.S. INVENTORY (TSCA):

Not listed on inventory.

CERCLA Reportable Quantity:

Unknown

California Proposition 65:

This product is not listed on California's listing of known or potential carcinogens.

OSHA HAZARD COMMUNICATION STANDARD:

non hazardous

WHMIS Controlled Product Classification:

this product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION

FOR RESEARCH USE ONLY.

To the best of our knowledge, the information contained herein is accurate and complete. However, we can neither guarantee or assume any liability whatsoever for the accuracy or completeness of the information contained in this MSDS. Final determination of suitability of any material is the sole responsibility of the user, as health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. All materials and mixtures may present unknown hazards and should be used with caution. No warranty is made, either express or implied.