



**SPECTRUMEDIX MATRIX, REVEAL MUTATION DISCOVERY, NO DYE**

**MATERIAL SAFETY DATA SHEET**

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Emergency Phone(USA): 800-424-9300 (CHEMTREC 24hr)  
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**SECTION 1. CHEMICAL IDENTIFICATION**

CATALOG #: M55608-240

NAME: SPECTRUMEDIX REVEAL MUTATION DISCOVERY MATRIX, NO DYE

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS#: Not assigned POLYMER COMPOSITION, 1-5%

MF: Trade Secret

EC NUMBER (EINECS): Not assigned

EC INDEX NUMBER: Not assigned

**SECTION 3. HAZARDS IDENTIFICATION**

LABEL PRECAUTIONARY STATEMENTS:

Irritant.

Irritating to eyes, respiratory system, and skin.

Wear suitable protective clothing.

Target organ(s): Testes

ROUTES OF ENTRY: Inhalation, absorption, and ingestion.

NFPA Ratings (SCALE 0-4):

HEALTH=2\*

FIRE=0

REACTIVITY=0

\*additional chronic hazards present.

MAJOR HEALTH HAZARDS: The toxicological properties of this product have not been thoroughly investigated. Use appropriate precautions.

POTENTIAL HEALTH EFFECTS:



## **SPECTRUMEDIX MATRIX, REVEAL MUTATION DISCOVERY, NO DYE**

- INHALATION: Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
- SKIN CONTACT: May cause skin irritation. May be harmful if absorbed through the skin.
- EYE CONTACT: May cause eye irritation.
- INGESTION: May be harmful if swallowed.

### CARCINOGEN STATUS:

- OSHA: No.
- NTP: No.
- IARC: No.

## **SECTION 4. FIRST-AID MEASURES**

SEEK MEDICAL ASSISTANCE FOR ANY OVEREXPOSURE.

SKIN: Wash thoroughly with soap and water.

EYES: Immediately flush thoroughly with water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

INGESTION: Contact local Poison Control Center or physician immediately. Never give anything by mouth to an unconscious person.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a physician.

## **SECTION 5. FIRE FIGHTING MEASURES**

CONDITIONS OF FLAMMABILITY: Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.

EXTINGUISHING MEDIA: Alcohol resistant foam, carbon dioxide, regular dry chemical or water.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air. Hazardous polymerization will not occur.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Evacuate all unnecessary personnel. Wear a respirator, chemical safety goggles, rubber boots and rubber gloves. Absorb with sand or vermiculite and place in a closed container. Wash spill site with soapy water.



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**SECTION 7. HANDLING AND STORAGE**

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances. See original container for storage recommendations.

**SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

EXPOSURE LIMIT: No occupational exposure limits established.

VENTILATION: Provide local exhaust ventilation system.

EYE PROTECTION: Wear chemical resistant safety goggles.

GLOVES: Wear appropriate chemical resistant gloves.

SAFETY SHOWER AND EYE BATH.

NIOSH/MSHA-APPROVED RESPIRATOR.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

IRRITANT.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Viscous colorless gel.

ODOR: None.

BOILING POINT: Not Available.

FREEZING POINT: Not Available.

VAPOR PRESSURE: Not Available.

VAPOR DENSITY: Not Available.

SPECIFIC GRAVITY: 1.210

WATER SOLUBILITY: Highly water soluble.

pH: 8.3

VOLITILITY: Not Available.

ODOR THRESHOLD: Not Available.

EVAPORATION RATE: Not Available.

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available.

**SECTION 10. STABILITY AND REACTIVITY**

INCOMPATIBILITIES: Strong oxidizing agents, potassium, acid anhydrides.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Toxic fumes of carbon monoxide, carbon dioxide, silicon oxide, and boron oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**



**SPECTRUMEDIX MATRIX, REVEAL MUTATION DISCOVERY, NO DYE**

**HEALTH EFFECTS:**

- Skin Contact: Causes skin irritation.
- Skin Absorption: May be harmful if absorbed through the skin.
- Eye Contact: Causes eye irritation.
- Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.
- Ingestion: May be harmful if swallowed.

**TARGET ORGAN(S) OR SYSTEMS**

Testes

**SIGNS AND SYMPTOMS OF EXPOSURE**

Ingestion or absorption may cause nausea, vomiting, diarrhea, abdominal cramps, and erythematous lesions of the skin and mucous membranes. Other symptoms include: circulatory collapse, tachycardia, cyanosis, delirium, convulsions, and coma. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**SECTION 12. ECOLOGICAL INFORMATION**

No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable regulations.

**SECTION 14. TRANSPORTATION INFORMATION**

U.S. DOT 49 CFR 172.101: Not Regulated.

LAND TRANSPORT: Not Regulated.

AIR TRANSPORT: Not Regulated.

MARITIME TRANSPORT: Not Regulated.

**SECTION 15. REGULATORY INFORMATION**

**EU ADDITIONAL CLASSIFICATION**

Symbol of Danger: Xi

Indication of Danger: Irritant.

R: 36/37/38

Risk Statements: Irritating to eyes, respiratory system and skin.

S: 26-36

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.



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US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Irritant.

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Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

CANADA REGULATORY INFORMATION

WHMIS 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.

DSL: Yes

NDSL: No

**SECTION 16. OTHER INFORMATION**

The above information is believed to be correct and shall be used only as a guide. The information may be inclusive. Transgenomic, Inc. shall not be held liable for any damage resulting from handling or from contact with the above material.