

MATERIAL SAFETY DATA SHEET

DiaPharma CS-CHY (DPG586-25)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MeO-Suc-Arg-Pro-Tyr-pNA
CATALOG CODE: DPG586-25
TRADE NAMES, SYNONYMS: MeO-Suc-RPY- pNA
CAS NUMBER:: N/A

MANUFACTURED FOR: DiaPharma Group, Inc.
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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Each vial contains chromogenic substrate CHY 25 mg and mannitol 40 mg as a bulking agent.

COMMON NAME: MeO-Suc-Arg-Pro-Tyr-pNA
FORMULA:: $C_{31}H_{40}N_8O_9$
MOLECULAR WEIGHT:: 668.71
PRODUCT DESCRIPTION: chromogenic substrate

SECTION 3: HAZARDS IDENTIFICATION

Label precautionary statements: **NOT FOR HUMAN CONSUMPTION OR USE IN HUMANS**
Symptoms of Overexposure: *Please treat with caution.* The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. Exercise caution.

SECTION 4: FIRST AID MEASURES

IF INHALED:: Remove to fresh air. If breathing becomes difficult, get medical attention immediately.
IF SWALLOWED: Wash out mouth with large amounts of water provided person is conscious. Get medical attention.
IN CASE OF SKIN CONTACT:: Flush with large amounts of water for at least 15 minutes. Get medical attention. Wash clothing before reuse.
IN CASE OF EYE CONTACT:: Flush with large amounts of water for at least 15 minutes. Assure adequate flushing by separating upper and lower eyelids. Get medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: N/A (not flammable)
Flammable Limits:: N/A
Method Used:: N/A
Extinguishing Media: CO₂, Dry Powder, Halon
Special Fire Fighting Procedures:: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL AND WASTE DISPOSAL: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Ventilate the area of the spill well. Collect the material in a safe manner. Comply with all applicable federal, state and local regulations on spill reporting, waste handling and waste disposal.

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SECTION 7: HANDLING AND STORAGE

HANDLING: Keep product package tightly sealed and protected from moisture.

STORAGE: Store in a cool, dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTION:: Wear a NIOSH approved respirator, chemical resistant gloves, safety goggles, and other protective clothing.

WORK PRACTICES, HYGIENIC PRACTICES:: Use good laboratory practices; change clothing if contaminated. Wash hands after using products and before eating. Do not eat, drink, or smoke in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Yellowish powder

Solubility: n/a

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable solid under ordinary conditions of use and storage.

INCOMPATIBILITIES: Strong oxidizers

HAZARDOUS COMBUSTION OR DECOMPOSITION:: CO, CO₂, NO₂ may form when heated to decomposition.

HAZARDOUS POLYMERIZATION:: Will not occur.

CONDITIONS TO AVOID:: Heat, flames, ignition sources, and incompatibles.

SECTION 11: TOXICOLOGICAL INFORMATION

RTECS #: not listed in RTECS

REPRODUCTIVE EFFECTS, DATA AND REFERENCES: None Listed

TOXICOLOGY DATA: The toxicological properties have not been thoroughly investigated.

SUSPECTED CANCER AGENT: Not listed in published lists of known cancer causing agents, but as with all chemical products, should be treated with caution.

May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. May be harmful if inhaled. May be harmful if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14: TRANSPORT INFORMATION

No Classification assigned.

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SECTION 15: REGULATORY INFORMATION

Caution: Substance not yet fully tested.

SECTION 16: OTHER INFORMATION

All information and instructions provided in this Material Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Material Safety Data Sheet. DiaPharma Group, Inc. shall not be held responsible for any defect in the product covered by this Material Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.