

SDS #: CS1

Revision Date: July 24, 2001**MATERIAL SAFETY DATA SHEET****SECTION 1. PRODUCT IDENTIFICATION**

Product Name: Custom Synthetic Peptide **Manufactured by:** Multiple Peptide Systems
 3550 General Atomics Court **Tel:** 858-455-3710
 San Diego, CA 92121 USA **Fax:** 858-455-3713

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: Custom Synthetic Peptide **CAS Number:** N/A

SECTION 3. HAZARD IDENTIFICATION

May cause slight irritation of eyes, skin and respiratory system.
 Substance intended for research purpose only
 The chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 4. FIRST AID MEASURES

Eye Contact: Flush the eyes immediately with running water for at least 15 minutes while holding eyelids open and get medical attention immediately.
Ingestion: Wash out mouth with water if victim is conscious. Call a Physician.
Inhalation: Remove from exposure area to fresh air. If irritation persists or develops, get medical advice.
Skin Contact: Remove contaminated clothing immediately. Flush large amounts of water for 15 minutes. If irritation persists or develops, get medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point: Not applicable **Autoignition:** Not applicable

Extinguishing media: Carbon dioxide, dry chemical powder, foam and water spray. Use extinguishing media appropriate for surrounding fire.

Hazardous thermal decomposition and combustion product: When heated to decomposition it emits toxic fumes of nitrogen oxides, carbon oxides and sulfur oxides (in cases of sulfur compounds).

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear respirator, safety goggles, gloves and protective clothing. Keep unnecessary people away.
Environmental precautions: Do not throw in a drain pipe or in natural environment.
Cleaning procedures: Avoid raising dust.
 Collect carefully and place in suitable clean, dry bags or containers for waste disposal.
 Wash spilled area with water after material pick up is complete.
 Collect cleaning water for waste disposal.

SECTION 7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing.
 Do not breathe dust.
 Work in a hood or dry box.
 Perform all operations with due care following Good Laboratory Practices (GLP).

Storage: Keep in tightly closed container, away from heat and moisture.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection: Appropriate respirator in case of dust exposure. Hand protection: Gloves

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Description: Powder
 Skin protection: Protective clothing.
 Special protective: Safety shower and eye baths are required near working place. Local exhaust ventilation in the work place.

Eye protection: Dust-resistant safety goggles.
 Work hygienic practices: Wash well after handling.

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal temperatures and pressures.
 Avoid heat and moisture.

Materials to avoid: Strong oxidizing and reducing agents, acid and alkaline conditions.
 Hazardous Decomposition: Thermal decomposition may include toxic oxides of nitrogen, carbon and sulfur if concerned.
 Products:

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available. The toxicological properties have not been thoroughly investigated.
 Other information: May cause slight irritation of eyes, skin or respiratory system. May cause allergic reaction by contact or if inhaled.

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Methods of disposal: Waste from products and contaminated packaging:
 Dispose of in accordance with local, state and U.S. Federal environment laws.

SECTION 14. TRANSPORT INFORMATION

Not regulated as hazardous product

SECTION 15. REGULATORY INFORMATION

NIOSH/RTECS*: Not classified as hazardous. This action is in compliance with state and U.S. Federal OSHA standards and regulations.

CAUTION: SUBSTANCE NOT YET FULLY TESTED.

SECTION 16. OTHER INFORMATION

Chemical use: Custom synthetic peptide for investigational use only.

This product is chemically synthesized, non-infectious, and non-biological.

This safety data sheet is based on actual knowledge and must be considered as a guide with no warranty on the use of the product. Multiple Peptide Systems cannot be held liable for any damage resulting from handling or from contact with the above product.

*NIOSH/RTECS -- National Institute for Occupational Safety and Health/Registry of Toxic Effects of Chemical Substances