# Safety Data Sheet

**Section I. Identification of the substance**

*Product Name:* TCO-PEG4-tris-PEG3-DBCO
*Catalog number:* BP-44594
*Supplier:* Broadpharm, 6625 Top Gun Street, Suite# 103, San Diego, CA 92121, USA.
Tel: +1-858-677-6760
*Emergency Phone Number*: +1-858-886-7300

**Section II. Hazards identification**

GHS – Classification
Classification – Not classified as a hazard

**Section III. Composition and information on ingredients.**

*Name*: TCO-PEG4-tris-PEG3-DBCO
*Formula*: C114H149N11O28
*MW*: 2121.5
*CAS*: N/A

**Section IV. First aid measures**

*1.Skin contact:* Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
*2.Eye contact:* Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
*3.Inhalation:* Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
*4. Ingestion:* Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

**Section V. Fire fighting measures**

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

**Section VI. Accidental release measures**

*Personal precautions***.** Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Respiratory precaution: Wear approved mask/respirator
Hand precaution: Wear suitable gloves/gauntlets
Skin protection: Wear suitable protective clothing
Eye protection: Wear suitable eye protection
*Methods for cleaning up:* Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
*Environmental precautions:* Do not allow material to enter drains or water courses.

**Section VII. Handling and storage**

*Handling:* This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.

*Storage:* Store in closed vessels at -20$^0$C.

**Section VIII. Exposure Controls / PPE**

*Engineering Controls:* Use only in a chemical fume hood.
*Personal protective equipment:* Wear chemical-resistant gloves, safety goggles.
*General hygiene measures:* Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Section IX. Physical and chemical properties**

*Appearance*: Liquid
*Odor:* No data
*Boiling point:* No data
*Melting point:* No data
*Flash point:* No data
*Density:* No data
*Formula:* C114H149N11O28
*Molecular weight:* 2121.5
*pH*: No data
*Evaporation rate*: No data
*Relative Density*: No data
*Solubility*: No data
*Partition coefficient; n-octanol/water*: No data
*Auto-ignition temperature*: No data
*Decomposition temperature*: No data
*Viscosity*: No data

**Section X. Stability and reactivity**

*Conditions to avoid:* Heat, flames and sparks.
*Materials to avoid:* Oxidizing agents.
*Possible hazardous combustion products:* No data available.

**Section XI. Toxicological information**

No data

**Section XII. Ecological information**

No data

**Section XIII. Disposal consideration**

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

**Section XIV. Transportation information**

Non-hazardous for air and ground transportation.

**Section XV. Regulatory information**

*Indication of Danger:* No data.
*Risk Statement:* No data.
*Safety Statement:* In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

**Section XVI. Other information**

This MSDS is correct to the best of our knowledge and belief at the date of its publication but does not purport to be all inclusive and shall be used only as a guide. BroadPharm shall not be held liable for any loss, injury or damage which may result from its use. This product is for research and development use only.