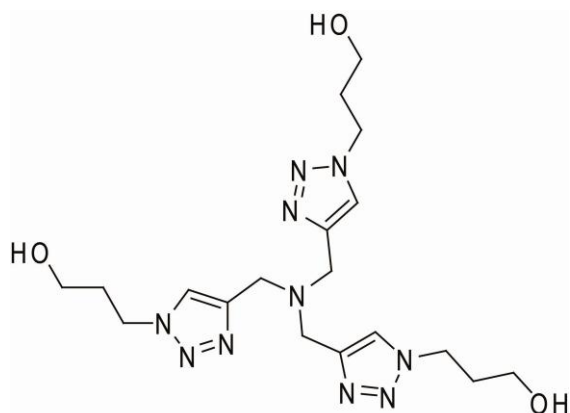


Product Number: BCMI-006
Product Name: THPTA-Ligand
Molecular Structure:



Storage Conditions: dry or in solution, recommended storage temperature : -20 °C.

MSDS:

1. Identification of the substance and of the company

Product details

Formal name: Tris[(1-hydroxypropyl-1H-1,2,3-triazol-4-yl)methyl]amine
Product Name: THPTA-Ligand
Product Number: BCMI-006

Supplier

Baseclick GmbH
Bahnhofstr. 9-15
82327 Tutzing
Germany

Information in case of emergency:

phone: 0049 8158 903867

Further information from: www.baseclick.eu

2. Composition / information on ingredients

Formula: C₁₈H₃₀N₁₀O₃

MW: 434.50 g/mol

Purity: > 97 %

Description: solid

TLV units: Unknown

3. Hazardous identification

Hazardous description: This substance is not classified as dangerous according to Directive 67/548/EEC.

Information concerning particular hazards for human and environment: No data available

Classification system: None

4. First-aid measures

Avoid all direct contact.

Always contact physician.

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

After contact with skin: Wash off with soap and plenty of water.

After contact with eyes: Flush thoroughly with water.

After ingestion: Contact physician.

Never induce vomiting or give liquids to someone who is unconscious or cannot swallow. Rinse mouth with water

5. Fire fighting measures

Prevention of fire and explosion: A finely divided dust aerosol may be explosive although the exact conditions of the hazard are unknown. Avoid dispersing dust.

Fire and explosion hazards: A finely divided dust aerosol may be explosive although the exact conditions of the hazard are unknown.

Flash Point: not available

Means of extinguishing: Use material suitable and appropriate to surrounding fire conditions.

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Fire fighting procedures: Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Avoid all direct contact.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Protective gloves: Impermeable

Eye protection: Laboratory safety glasses

Other protective equipment: Normal laboratory apparel

Measures for environmental protection: Do not let product enter drains

Measures for cleaning/collection if a spill occurs: First sweep up the bulk of the material. Finish by wiping with a damp towel.

7. Handling and storage

Handling:

Information for safe handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Avoid dust formation.

Information about fire: Not available

Storage:

Requirements to be met by storerooms and receptacles: No further requirements

Information about storage in one common storage facility: Not required

Further information about storage conditions:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store at -20 °C.

8. Exposure controls / personal protection

Additional information about design of technical facilities: No further requirements.
Ingredients with limit values that require monitoring in the workplace: No ingredients need monitoring.
Personal protective equipment: The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Local exhaust is usually sufficient. A dust mask is recommended when a possibility of dust inhalation exists.
Protection of hands: Impermeable gloves
Eye protection: Laboratory safety glasses

9. Physical and chemical properties

Form and color: white to tan solid
Odor: None
Melting point / range: Not available
Boiling point / range: Not available
Flash point: Not available
Self-igniting Not available
Danger of explosion: Not available
Solubility: water, MeOH

10. Stability and reactivity

Thermal decomposition/condition to be avoided:
No decomposition if used according to specifications.
Dangerous reactions: Avoid strong oxidants.
Dangerous decomposition: Toxic oxides of nitrogen may evolve when heated to decomposition.

11. Toxicological information

Threshold limit value: No data available
Overexposure effects: No data available
Acute toxicity: No data available
Primary irritant effect:
On the skin: No data available
On the eye: No data available
Sensitization: No data available
Additional toxicological information: This product should be handled with the usual care when dealing with chemicals.

12. Ecological information

General notes: No data available

13. Disposal considerations

Product:
Recommendation: Dispose of as a special waste in compliance with official regulations.
Unclean packaging:
Recommendation: Dispose of in compliance with official regulations.
Recommended cleaning agents: First sweep up the bulk of the material. Finish by wiping with a damp towel.
Waste disposal: Dispose of waste according to nature of waste solid, solution in solvent, others.

Dispose of waste according to the local legislation.

14. Transport information

Land transport ADR/RID (cross-border)
ADR/RID class: Not a dangerous substance as defined in the regulations.
Maritime transport IMDG
IMDG class: Not a dangerous substance as defined in the regulations.
Maritime pollutant: No
Air transport ICAO-TI and IATA-DGR
ICAO/IATA class: Not a dangerous substance as defined in the regulations.

15. Regulation information

Note: The toxicological properties of this material have not yet been thoroughly investigated. Use prudent laboratory practices for handling chemical substances of unknown toxicity.

16. Other Information

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