1. IDENTIFICATION

Product Name 2-Azidoethyl 2,3,4,6-tetra-O-acetyl-β-D-glucopyranoside
Catalogue Number AG904
Recommended Use Laboratory research and development.
Supplier Synthose Inc., 50 Viceroy Road, Unit 7, Concord, Ontario, L4K 3A7, Canada
Emergency Phone No. +1-905-669-0017
Email admin@synthose.com

2. HAZARD IDENTIFICATION

Classification Not classifiable according to GHS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name 2-Azidoethyl 2,3,4,6-tetra-O-acetyl-β-D-glucopyranoside
CAS Number 140428-81-5
Molecular Formula C₁₆H₂₉N₃O₁₀
Molecular Weight 417.37

4. FIRST-AID MEASURES

Inhalation Call a POISON CENTER or doctor/physician if you feel unwell.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact Wash with plenty of soap and water.
Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.
Ingestion Call a POISON CENTER or doctor/physician if you feel unwell.

Most Important Symptoms and Effects, Acute and Delayed Not determined

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable Extinguishing Media Not determined
Special Protective Equipment and Precautions for Firefighters Not determined
Specific Hazards Arising from the Hazardous Product
Hazardous Combustion Products Carbon oxides, Nitrogen oxides

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures Use personal protective equipment. Avoid breathing dust, fumes, gas, mist, vapours, or spray.
Methods and Materials for Containment and Cleaning Up Pick up and arrange disposal without creating dust. Sweep up and shovel or soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling Wear protective clothing, gloves, and safety glasses in accordance with good laboratory practices.
Conditions for Safe Storage Store at 0 to 8 °C. Keep container tightly closed.
Incompatible Materials Not determined
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Guidelines
Not determined

Appropriate Engineering Controls
Use mechanical exhaust or laboratory fume hood to avoid exposure.

Individual Protection Measures / Personal Protective Equipment

Eye/Face Protection
Wear safety glasses with side-shields, chemical safety goggles, or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection
Handle with gloves. Wear long-sleeved lab coat. Do not wear open-toed shoes.

Respiratory Protection
Use particle respirator for nuisance exposures. For greater protection, use half or full face mask respirator with cartridges. Respiratory equipment should be tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>White Crystalline Solid</td>
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<tr>
<td>Odour</td>
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<tr>
<td>Odour Threshold</td>
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<tr>
<td>pH</td>
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<td>Melting Point</td>
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<tr>
<td>Boiling Point</td>
<td>Not determined</td>
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<tr>
<td>Flash Point</td>
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<tr>
<td>Evaporation Rate</td>
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<tr>
<td>Flammability (solid, gas)</td>
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<td>Vapour Pressure</td>
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<tr>
<td>Vapour Density</td>
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<tr>
<td>Relative Density</td>
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<tr>
<td>Decomposition Temperature</td>
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<tr>
<td>Viscosity</td>
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10. STABILITY AND REACTIVITY

Reactivity
Not reactive

Chemical Stability
Stable under recommended storage conditions

Possibility of Hazardous Reactions
None expected under normal conditions of storage and use

Conditions to Avoid
Open flames, sparks, static discharge, excessive heat

Incompatible Materials
Not determined

Hazardous Decomposition Products
Carbon oxides, Nitrogen oxides

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure
Not determined

Inhalation
May be harmful if inhaled, may cause respiratory tract irritation

Skin Contact
May be harmful in contact with skin, may cause skin irritation

Eye Contact
May cause eye irritation

Ingestion
May be harmful if swallowed

12. ECOLOGICAL INFORMATION

Not determined

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, regional, and/or federal regulations.

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

Not dangerous goods for transport according to IATA, IMDG, or ADR.
15. REGULATORY INFORMATION

Canada DSL / NDSL  The components of this product are not on the DSL Inventory but are manufactured at <100kg per year.
USA TSCA  Negative Certification

16. OTHER INFORMATION

Latest Revision  2020-08-11

Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<th>Description</th>
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<tbody>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate</td>
<td>DSL</td>
<td>Domestic Substances List</td>
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<tr>
<td>(K_{ow})</td>
<td>Concentration in octanol phase / Concentration in aqueous phase</td>
<td>NDSL</td>
<td>Non-Domestic Substances List</td>
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<tr>
<td>(L_{C50})</td>
<td>Median Lethal Concentration</td>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
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<td>(L_{D50})</td>
<td>Median Lethal Dose</td>
<td>IATA</td>
<td>International Air Transport Association</td>
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<td>TDLo</td>
<td>Lowest Known Toxic Dose</td>
<td>IMDG</td>
<td>International Maritime Dangerous Goods</td>
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<td>Half Maximal Effective Concentration</td>
<td>ADR</td>
<td>Agreement concerning the International Carriage of Dangerous Goods by Road</td>
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<td>RTECS</td>
<td>Registry of Toxic Effects of Chemical Substances</td>
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