SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
Product Identifier Conglobatin
Product Number C125
CAS Number [72263-05-9]
EC Number No Data Available

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended Use In vitro antimicrobial selection assays.
Restrictions of Use Not for human or animal use

1.3 Details of the supplier of the safety data sheet
Distributor Name TOKU-E Company
Distributor Address 715 W Orchard Dr. Suite 3
Bellingham, WA 98225
Phone Number (360)734-1789
E-mail Address info@toku-e.com
Safety Data Sheet Issued by TOKU-E Company (USA)

1.4 Emergency telephone number
Emergency Phone Number (International) +1 (352) 353-3500
Emergency Phone Number (US Only) 1 (800) 535-5053

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
GHS Classification Not classified. Toxicology information unavailable.
(Please refer to Section 16 for regulatory information)

2.2 Label elements, including precautionary statements
GHS Label Elements:
Signal Word None
Hazard Statements None
Precautionary Statements None

2.3 Other hazards which do not result in classification
Hazards not otherwise classified (HNOC) by GHS No Data Available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Substances

Formula \( \text{C}_{28}\text{H}_{38}\text{N}_{2}\text{O}_{6} \)
Molecular Weight 498.62
CAS Number [72263-05-9]
EC Number No Data Available
Hazardous Ingredients None

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

General Advice Consult a doctor/physician if exposed - additional medical care may be required. Show this Safety Data Sheet to the medical provider.
If Inhaled If inhaled, move to fresh air. If not breathing, give artificial respiration and immediately call local emergency telephone number.
In Case of Skin Contact Wash skin thoroughly with soap and water.
In Case of Eye Contact Flush eye with water. After initial flush, remove any contact lenses and continue flushing for at least 15 minutes.
If Swallowed Rinse mouth with water. Immediately call a doctor, physician, or poison control center. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

Specific Treatment Please see Section 2 and Section 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No Data Available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media Water spray, alcohol-resistant foam, dry chemical, carbon dioxide

5.2 Special hazards arising from the substance or mixture

Hazardous Combustion Products Formed under fire conditions: carbon and nitrogen oxides, carbon monoxide, hydrogen peroxide

5.3 Advice for firefighters

Special Protective Equipment for Firefighters Wear self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
General
Evacuate personnel to a safe location. Use appropriate personal protective equipment while in contact with product. Avoid dust formation. Ensure adequate ventilation.

Personal Precautions
Prevent contamination of skin, eyes and clothing with appropriate protective equipment (Section 8). Wear respiratory protection.

6.2 Environmental precautions
General
Recover waste, if possible, and place in suitable closed container for licensed disposal. Prevent spillage - do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
The recommended course of action is to treat any incident that involves the spill/release of a chemical substance as if it were hazardous in nature until the appropriate personnel have been consulted. Wear personal protective equipment as necessary. If accessible, use a spill kit. For powder spills, avoid generating dust during cleanup.

6.4 Reference to other sections
Refer to section 8 for exposure control.
Refer to section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE
7.1 Precautions for safe handling
Wear appropriate protective clothing/gear to prevent contact with skin and eyes. Provide exhaust ventilation or respiratory protection in areas where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities
Store in a tightly closed container. Protect from humidity.
Recommended storage temperature: 2-8°C

Incompatibilities
No Data Available

7.3 Specific end use(s)
Refer to section 1.2

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION
8.1 Control parameters
Contains no substance/substances with occupational exposure limit values

OSHA Permissible Exposure Limits
No Data Available
NIOSH Recommended Exposure Limits
No Data Available
ACGIH Threshold Limit Values
No Data Available
8.2 Exposure controls

PPE: Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate, use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

PPE: Hand Protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices, and wash and dry hands.

PPE: Eye Protection
Use a face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

PPE: Skin and Body Protection
Handle with gloves. Wear protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place. When deemed needed according to the concentration and amount of this product, use a complete body suit.

SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Odor</td>
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<tr>
<td>Odor Threshold</td>
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<tr>
<td>pH</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
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<tr>
<td>Initial Boiling Point and Range</td>
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</tr>
<tr>
<td>Flash Point</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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</tr>
<tr>
<td>Upper Flammability/Explosion Limit</td>
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</tr>
<tr>
<td>Lower Flammability/Explosion Limit</td>
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</tr>
<tr>
<td>Vapor Pressure</td>
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</tr>
<tr>
<td>Vapor Density</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Relative Density</td>
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</tr>
<tr>
<td>Water Solubility</td>
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<tr>
<td>Solubility in Other Solvents</td>
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</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
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</tr>
<tr>
<td>Auto-Ignition Temperature</td>
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</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>
SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity No Data Available

10.2 Chemical stability Stable under recommended storage conditions

10.3 Possibility of hazardous reactions No Data Available

10.4 Conditions to avoid No Data Available

10.5 Incompatible materials Strong oxidizing agents

10.6 Hazardous decomposition products Formed under fire conditions: carbon and nitrogen oxides, carbon monoxide, hydrogen peroxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Oral LD$_{50}$ No Data Available
Inhalation LC$_{50}$ No Data Available
Dermal LD$_{50}$ No Data Available
Intraperitoneal LD$_{50}$ No Data Available
Intravenous LD$_{50}$ No Data Available
Subcutaneous LD$_{50}$ No Data Available
Skin Corrosion/Irritation No Data Available
Serious Eye Damage/ Eye Irritation No Data Available
Respiratory or Skin Sensitization No Data Available
Germ Cell Mutagenicity No Data Available
Carcinogenicity
This substance has not been identified as a potential carcinogen within the National Toxicology Program Report on Carcinogens or within the International Agency for Research on Cancer Monograph.

Reproductive Toxicity No Data Available
Specific Target Organ Toxicity: Single Exposure (GHS) No Data Available
Specific Target Organ Toxicity: Repeated Exposure (GHS) No Data Available
Aspiration Hazard: No Data Available
Potential Health Effects: See Section 2, Hazard(s) Identification
Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties of this material have not been thoroughly investigated
Synergistic Effects: No Data Available
Additional Information: No Data Available

**SECTION 12: ECOLOGICAL INFORMATION**

12.1 Toxicity: No Data Available
12.2 Persistence and degradability: No Data Available
12.3 Bioaccumulative potential: No Data Available
12.4 Mobility in Soil: No Data Available
12.5 PBT and vPvB assessment: No Data Available
12.6 Other adverse effects: No Data Available

In the absence of complete ecological information, treat product as environmentally hazardous. Use proper storage, handling, and disposal to prevent unintentional release into the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 Waste treatment methods
Dispose unused/spoiled product in accordance with local and federal regulations. Sewering is not an acceptable form of waste disposal.

Product: Dispose of product through a licensed disposal company.
Contaminated Packaging: Dispose of as unused product.

**SECTION 14: TRANSPORTATION INFORMATION**

DOT (US): Not a Dangerous Good
IMDG: Not a Dangerous Good
IATA: Not a Dangerous Good

**SECTION 15: REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Section 2/3: Hazards identification/labelling in accordance with OSHA 29 CFR 1910.1200
Section 2/3: Hazards identification/labelling in accordance with Regulation (EC) 1272/2008
SDS in accordance with Regulation (EC) 1907/2006

<table>
<thead>
<tr>
<th>SARA 302 Components</th>
<th>No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 313 Components</td>
<td>No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.</td>
</tr>
<tr>
<td>SARA 311/312 Hazards</td>
<td>No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 311/312</td>
</tr>
<tr>
<td>Massachusetts Right to Know</td>
<td>No components are subject to the Massachusetts Right to Know Act</td>
</tr>
<tr>
<td>Pennsylvania Right to Know</td>
<td>No components are subject to the Pennsylvania Right to Know Act</td>
</tr>
<tr>
<td>New Jersey Right to Know</td>
<td>No components are subject to the New Jersey Right to Know Act</td>
</tr>
<tr>
<td>California Prop. 65 Components</td>
<td>No This product does not contain any chemicals known to the State of California to cause birth defects, cancer, or any other reproductive harm</td>
</tr>
</tbody>
</table>

**EU Information**
SDS in accordance with Regulation (EC) 1907/2006
Identification, classification and labelling in accordance with Regulation (EC) 1272/2008
EC Number No Data Available
CAS Number [72263-05-9]
Name: Conglobatin
Envisaged Registration Deadline: No Data Available

15.2 Chemical safety assessment

**EU Information**
For this product a chemical safety assessment was not carried out

16. OTHER INFORMATION
Revision Date: 2016-11-17

This safety data sheet represents TOKU-E Company’s current understanding of the hazards associated with this product. The stated hazard information is based on existing experimental data and is not guaranteed to be all-inclusive. TOKU-E Company strives to maintain current and comprehensive safety information but recognizes that this safety data sheet may require revision as new information becomes available. TOKU-E Company shall not be held liable for damage or injury resulting from contact, handling, or storage of this product.