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

1.1 Product identifier
Product Identifier Linezolid
Product Number L007
CAS Number [165800-03-3]
EC Number [605-416-6]

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended Use Linezolid inhibits protein synthesis by binding to the 50S ribosomal subunit which prevents formation of the 30S and 50S ribosomal initiation complex during translation.
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 Specific target organ toxicity, repeated exposure-Oral (Category 1)

(Please refer to Section 16 for regulatory information)

2.2 Label elements, including precautionary statements
GHS Label Elements:
Signal Word: Danger
Hazard Statements
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary Statements
P260 Do not breathe dust/fumes/gas/mist/vapors/spray.
P264 Wash hands/skin thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P314 Get medical advice/attention if you feel unwell.
P501 Dispose of contents/container in accordance with governmental regulation

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
Synonym(s) N-[[5S]-3-[3-Fluoro-4-(4-morpholinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-acetamide, Linospan, Linox, PNU 100766, U 100766, Zyvox, Zyvoxid
Formula C_{16}H_{20}FN_{3}O_{4}
Molecular Weight 337.35 g/mol
CAS Number [165800-03-3]
EC Number [605-416-6]
Hazardous Ingredients Linezolid
Specific target organ toxicity, repeated exposure- Oral (Category 1)

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, hydrogen fluoride gas

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: <30°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 workplace. 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

Appearance: White or almost white powder
Odor: No Data Available
Odor Threshold: No Data Available
pH: No Data Available
Melting Point/Freezing Point: No Data Available
Initial Boiling Point and Range: No Data Available
Flash Point: No Data Available
Evaporation rate: No Data Available
Flammability (solid, gas): No Data Available
Upper Flammability/ Explosion Limit: No Data Available
Lower Flammability/ Explosion Limit: No Data Available
Vapor Pressure: No Data Available
Vapor Density: No Data Available
Relative Density: No Data Available
Water Solubility: No Data Available
Solubility in Other Solvents: No Data Available
Partition Coefficient: n-octanol/water: No Data Available
Auto-Ignition Temperature: No Data Available
Decomposition Temperature: No Data Available
Viscosity: No Data Available
Explosive Properties: No Data Available
Oxidizing Properties: No Data Available
Optical Rotation: No Data Available
Absorbance (290nm, 5% in H₂O): No Data Available
Water Content (Loss on Drying): No Data Available

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, hydrogen fluoride gas
### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD$_{50}$</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Inhalation LC$_{50}$</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Dermal LD$_{50}$</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Intraperitoneal LD$_{50}$</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Intravenous LD$_{50}$</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Subcutaneous LD$_{50}$</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Serious Eye Damage/ Eye Irritation</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Respiratory or Skin Sensitization</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>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.</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity: Single Exposure (GHS)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity: Repeated Exposure (GHS)</td>
<td>Oral - Bone: Causes damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Potential Health Effects</td>
<td>See Section 2, Hazard(s) Identification</td>
</tr>
<tr>
<td>Signs and Symptoms of Exposure</td>
<td>To the best of our knowledge, the chemical, physical, and toxicological properties of this material have not been thoroughly investigated</td>
</tr>
<tr>
<td>Synergistic Effects</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Additional Information</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

<table>
<thead>
<tr>
<th>Ecological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.2 Persistence and degradability

<table>
<thead>
<tr>
<th>Ecological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.3 Bioaccumulative potential

<table>
<thead>
<tr>
<th>Ecological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.4 Mobility in Soil

<table>
<thead>
<tr>
<th>Ecological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.5 PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Ecological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.6 Other adverse effects

<table>
<thead>
<tr>
<th>Ecological Effect</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data Available</td>
<td></td>
</tr>
</tbody>
</table>

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

SARA 302 Components  No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components  No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

SARA 311/312 Hazards  No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 311/312

Massachusetts Right to Know  No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know  No components are subject to the Pennsylvania Right to Know Act

New Jersey Right to Know  No components are subject to the New Jersey Right to Know Act

California Prop. 65 Components  No
This product does not contain any chemicals known to the State of California to cause birth defects, cancer, or any other reproductive harm
EU Information SDS in accordance with Regulation (EC) 1907/2006
EC Number [605-416-6]
CAS Number [165800-03-3]
Name: Linezolid
Envisaged Registration Deadline: 31/05/2018
Information under Section 2, Hazard Identification, classification and labelling in accordance with Regulation (EC) 1272/2008
Information under Section 3, Hazardous components according to Regulation (EC) No 1272/2008

15.2 Chemical safety assessment

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

16. OTHER INFORMATION
Revision Date: 2018-01-02

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.