Section 1. Product and Company Identification

Product Name: Agomelatine
Product ID: A2658

Chemical Name (Synonyms):

Supplier: LKT Laboratories, Inc
545 Phalen Blvd.
St. Paul, MN 55130 USA
Ph: 651-644-8424 Fax: 651-644-8357
www.lktlabs.com - getinfo@lktlabs.com

Emergency Phone #: 1-800-424-9300

Section 2. Hazards Identification

GHS Classification:
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

GHS Label elements including precautionary statements

Pictogram

Signal word: Warning

Hazard and precautionary statements

Hazard statement
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements
P273 - Avoid release to the environment.
P391 - Collect spillage.
P501 - Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification
Health hazard: 0
Chronic health hazard: *
Flammability: 0
Physical hazard: 0

NFPA Rating
Health hazard: 0
Fire hazard: 0
Reactivity hazard: 0

Potential Health Effects
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May causes eye irritation.
Ingestion: May be harmful if swallowed.

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>Formula</th>
<th>Formula Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C_{15}H_{17}NO_{2}</td>
<td>243.30</td>
</tr>
<tr>
<td>CAS No.</td>
<td>138112-76-2</td>
<td></td>
</tr>
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</table>

Section 4. First Aid Measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye Contact
Flush eyes with water as a precaution.

Skin Contact
Wash off with soap and plenty of water. Consult a physician.

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

Ingestion
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5. Firefighting Measures

Flash Point
Not available.

Extinguishing Media
Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Firefighting Procedures
Wear self-contained breathing apparatus for fire fighting if necessary.

Unusual Fire Hazards
Not available.

Section 6. Accidental Release Measures

Personal Precautions
Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleanup
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling
Provide appropriate exhaust ventilation at places where dust is formed.

Storage Conditions
Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: Ambient

Hazardous Decomposition Products
Hazardous decomposition products formed under fire conditions. Carbon oxides, nitrogen oxides (NOx).

Other Remarks
None.
## Section 8. Exposure Controls/Personal Protection

**Personal protective equipment**

**EXPOSURE CONTROLS**
Contains no substances with occupational exposure limit values. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**PERSONAL PROTECTION**

**Eye/face protection:** 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. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**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).

## Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Color</th>
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<tbody>
<tr>
<td>Solid</td>
<td>White to off-white powder</td>
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<table>
<thead>
<tr>
<th>Physical State</th>
<th>Physical Property</th>
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<tbody>
<tr>
<td>Boiling Point</td>
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<tr>
<td>Density</td>
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<td>Solubility</td>
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<td>Flash Point</td>
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<td>Lower explosion limit</td>
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<tr>
<td>Upper explosion limit</td>
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<td>Water solubility</td>
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<td>Partition coefficient:n-octanol/water</td>
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<tr>
<td>Relative vapor density</td>
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</table>

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Physical Property</th>
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<tbody>
<tr>
<td>pH</td>
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<tr>
<td>Ignition temperature</td>
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</tr>
<tr>
<td>Autoignition temperature</td>
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</tr>
<tr>
<td>Vapor pressure</td>
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</tr>
<tr>
<td>Odor threshold</td>
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</tr>
<tr>
<td>Evaporation rate</td>
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</table>

## Section 10. Stability and Reactivity

**Stability**

Stable under recommended storage conditions.

**Materials To Avoid**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Hazardous decomposition products formed under fire conditions. Carbon oxides, nitrogen oxides (NOx).
Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>acute toxicity</th>
<th>Organ toxicity</th>
<th>Reproductive Toxicity</th>
<th>Specific organ toxicity</th>
<th>Respiratory or skin sensitization</th>
<th>Aspiration Hazard</th>
<th>Synergistic effects</th>
<th>Germ cell mutagenicity</th>
<th>Skin corrosion/irritation</th>
<th>Respiratory or skin sensitization</th>
<th>Carcinogenicity</th>
<th>Additional Information</th>
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<tbody>
<tr>
<td>Oral LD50</td>
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<td>Not available</td>
<td>Not available</td>
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<td>Not available</td>
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<td>RTECS: Not available.</td>
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<td>Not available</td>
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<tr>
<td>(GHS)</td>
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<td>Teratogenicity</td>
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<td>Not available</td>
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</tr>
<tr>
<td>Potential Health Effect</td>
<td>Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.</td>
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</tbody>
</table>

Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Ecological Information</th>
<th>Mobility in soil</th>
<th>PBT and vPvB assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
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<td>PBT/vPvB assessment not available</td>
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<tr>
<td>Mobility in soil</td>
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</tr>
<tr>
<td>PBT and vPvB assessment</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 13. Disposal Considerations

**Waste Disposal**

Dispose of material according to all federal, state, and local regulations.

Offer material to a licensed, professional waste disposal company to dispose of as unused product.

**Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

Section 14. Transport Information

**DOT (US)**

Not dangerous goods.

**IATA**

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Agomelatine).

**IMDG**

UN number: 3077 Class: 9 Packing group: III EMS No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Agomelatine)

Marine pollutant: Marine pollutant

**Further Information**

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

Section 15. Regulatory Information

**SARA 302 Components**

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

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Components**

No SARA hazards.

**Massachusetts Right To Know Components**

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

**Pennsylvania Right To Know Components**

Agomelatine CAS No. 138112-76-2 Revision Date

**New Jersey Right To Know Components**

Agomelatine CAS No. 138112-76-2 Revision Date

**California Prop 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

**Other information**

The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.