1. IDENTIFICATION

Product Identifier
Product Name
Other Identification

LIQUID LAWN AERATOR

Recommended use of the chemical and restrictions of use
Recommended use
Crop / soil enhancement

Details of the Supplier of the Safety Data Sheet
COVINGTON CORP.
5801 W. Britton Rd.
Oklahoma City, OK 73132
(405) 676-1585

EMERGENCY PHONE NUMBERS
Company Phone Number (405 676-1585)
Emergency Telephone (24 hr) (800) 255-3924

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin irritation H316
Eye irritation H320
Respiratory sensitization H334/H335

GHS Label elements including precautionary statements

Signal Word Warning
### Hazard Statement

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H316</td>
<td>Causes mild skin irritation</td>
</tr>
<tr>
<td>H320</td>
<td>Causes eye irritation</td>
</tr>
<tr>
<td>H334</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
</tbody>
</table>

### Precautionary Statement

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P261</td>
<td>Avoid breathing /dust /fume/ gas/ mist/ vapors/ spray</td>
</tr>
<tr>
<td>P264</td>
<td>Wash skin thoroughly after handling</td>
</tr>
<tr>
<td>P285</td>
<td>In case of inadequate ventilation wear respiratory protection</td>
</tr>
<tr>
<td>P302 +P352</td>
<td>IF ON SKIN: Wash with plenty of soap and water</td>
</tr>
<tr>
<td>P304 + P340</td>
<td>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing</td>
</tr>
<tr>
<td>P305 + P351 + P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remover contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>P321</td>
<td>Specific treatment (see supplemental first aid instructions)</td>
</tr>
<tr>
<td>P332 + P313</td>
<td>If skin irritation occurs: Get medical advice/ attention</td>
</tr>
<tr>
<td>P337 + P313</td>
<td>If eye irritation persists: Get medical advice/ attention</td>
</tr>
<tr>
<td>P343 + P311</td>
<td>If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician</td>
</tr>
<tr>
<td>P362</td>
<td>Take off contaminated clothing and wash before reuse</td>
</tr>
<tr>
<td>P501</td>
<td>Dispose of contents/ container to an approved waste disposal plant</td>
</tr>
</tbody>
</table>

### 3. Composition Information on Ingredients

This product is considered neither to be nor to contain hazardous compounds at the percentages used in this formulation

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**
4. FIRST-AID MEASURES

General Advice  Provide this SDS to medical personnel for treatment.

Eye Contact  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact  IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Ingestion  IF SWALLOWED: rinse mouth. Do NOT induce vomiting. If conscious give large amounts of water. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms  Direct contact with eyes may cause mild irritation. May cause mild skin irritation with prolonged or repeated contact. Ingestion of large amounts may cause irritation, nausea or diarrhea. Inhalation may irritate respiratory tract.

Notes to Physician  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media  Water spray (fog). Dry chemical. Carbon dioxide (CO2). Foam.

Unsuitable Extinguishing Media  Not determined.

Specific Hazards Arising from the Chemical  Product is not flammable or combustible.

Hazardous Combustion Products  Smoke, fumes or vapors, and oxides of carbon.

Protective equipment and precautions for firefighters  As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not enter confined fire-spaces without protective clothing and self-contained air supply.
6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
Use personal protection recommended in Section 8.

Environmental Precautions
See Section 12 for additional Ecological Information.

Methods and materials for Containment and Clean-up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for Clean-up
Flush small spills with water. Large spills—confine spill, soak up with approved absorbent, and shovel product into approved container for disposal. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling
Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Contaminated work clothing should not be allowed out of the workplace.

Conditions for Safe Storage, including any Incompatibilities

Storage Conditions
Store in secured area. Store locked up. Keep container closed when not in use.

Incompatible Materials
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
No exposure limits noted for ingredient(s). The following information is given as general guidance.

Appropriate engineering controls

Engineering Controls
Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Maintain eye wash fountain and quick-drench facilities in work area.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection
Safety glasses with side shields or chemical goggles.

Skin and Body Protection
Wear protective gloves and protective clothing. PVC gloves. Rubber gloves.

Respiratory Protection
Not required under normal use conditions.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Turbid Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Ocean / sweet</td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Brown</td>
<td></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>5.5-6.5</td>
<td></td>
</tr>
<tr>
<td><strong>Melting Point/Freezing Point</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling Point/Boiling Range</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability (Solid, Gas)</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability Limit</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Upper Flammability Limit</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Lower Flammability Limit</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability (Solid, Gas)</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Flammability Limit</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>1.08</td>
<td>(1=Water)</td>
</tr>
<tr>
<td><strong>Centipoise</strong></td>
<td>18 cPs</td>
<td>Brookfield #4 @ 100 rpm</td>
</tr>
<tr>
<td><strong>Water Solubility</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Solubility in Other Solvent</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Partition Coefficient</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Autoignition Temperature</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Kinematic Viscosity</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Dynamic Viscosity</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Explosive Properties</strong></td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td><strong>Oxidizing Properties</strong></td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reaction**
None under normal processing.

**Hazardous Polymerization**
Hazardous polymerization does not occur.

**Condition to Avoid**
Contact with incompatible materials.

**Incompatible Materials**
None known based on information supplied.

**Hazardous Decomposition Products**
Smoke, fumes or vapors, and oxides of carbon.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact: May cause irritation, health injuries not expected under normal use

Skin Contact: May cause irritation, health injuries not expected under normal use

Inhalation: May cause irritation to the mucous membranes and upper respiratory tract. Health injuries not expected under normal use

Ingestion: May cause irritation, health injuries not expected under normal use

12. ECOLOGICAL INFORMATION

Ecotoxicity
Ecological studies have not been carried out on this product

Persistence/Degradability
Not determined.

Bioaccumulation
Not determined.

Mobility
Not determined.

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Waste: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not Regulated

IATA: Not Regulated

IMDG: Not Regulated
## 15. Regulatory Information

### International Inventories

<table>
<thead>
<tr>
<th>Materials used in this formulation</th>
<th>T.C.</th>
<th>D.L</th>
<th>ND.L</th>
<th>IN.C</th>
<th>LINC</th>
<th>NC</th>
<th>I.C.C</th>
<th>K.CL</th>
<th>PICCS</th>
<th>AICS</th>
<th>KECL</th>
<th>PICCS</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

### Federal Regulation

#### C.RCL

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### SARA 313

Not determined

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### State Regulation

### 16. Other Information

#### NFPA

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

#### HMIS

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Flameability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

**Issue Date:** 14 March 2019

**Revision Date:** 14 March 2019

**Revision Note:** New Format

**Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet