

1. Product and Company Identification

Product Code: 291600
Product Name: ACELE 0.067% 0-0-7 MOP
Company Name: LESCO
 1385 East 36th Street
 Cleveland, OH 44114-4114
Emergency Contact: CHEMTREC (800)424-9300
 LESCO (800)347-4272
Synonyms: Fertilizer with Insecticide.

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 1
Specific Target Organ Toxicity (single exposure), Category 1
Specific Target Organ Toxicity (repeated exposure), Category 1
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3



GHS Signal Word: **Danger**
GHS Hazard Phrases: Causes skin irritation.
 Causes serious eye damage.
 Causes damage to organs
 Causes damage to organs through prolonged or repeated exposure.
 Harmful to aquatic life.
 Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases: Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Do not breathe dust.
 Wash hands thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Wear appropriate personal protective equipment.

GHS Response Phrases: IF ON SKIN: Wash with plenty of soap and water.
 Take off contaminated clothing and wash before re-use.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF exposed: Call a POISON CENTER or doctor/physician.
 IF exposed or concerned: Get medical attention/advice.
 Get medical attention/advice if you feel unwell.
 If skin irritation occurs, get medical advice/attention.

GHS Storage and Disposal Phrases: Dispose of contents/container to an appropriate disposal facility.
 Store in a secure location.
 Store in a closed container.

| | |
|--|--|
| Potential Health Effects (Acute and Chronic): | Chronic: Prolonged or repeated skin contact may cause dermatitis. Prolonged or repeated exposure may cause permanent eye damage. Chronic exposure may cause lung damage. Effects may be delayed. |
| Inhalation: | May be harmful if inhaled. Low hazard for normal industrial handling. The toxicological properties of this substance have not been fully investigated. May cause systemic effects. Material may be irritating to mucous membranes and upper respiratory tract. |
| Skin Contact: | May cause skin irritation. Dust causes mechanical irritation. Low hazard for usual industrial handling. |
| Eye Contact: | May cause eye irritation. Dust may cause mechanical irritation. |
| Ingestion: | May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Low hazard for normal industrial handling. The toxicological properties of this substance have not been fully investigated. May cause systemic effects. |

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|-------------|--------------------------------------|---------------|
| 1317-65-3 | Limestone | 83.8 % |
| 7447-40-7 | Potassium chloride | 11.1 % |
| 14808-60-7 | Quartz | 2.80 % |
| 500008-45-7 | Chlorantraniliprole | 0.067 % |

4. First Aid Measures

| | |
|--|---|
| Emergency and First Aid Procedures: | |
| In Case of Inhalation: | Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid. |
| In Case of Skin Contact: | Get medical aid if irritation develops or persists. In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Wash off with soap and plenty of water. |
| In Case of Eye Contact: | Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do NOT allow victim to rub eyes or keep eyes closed. |
| In Case of Ingestion: | If victim is conscious and alert, give 2-4 cupfuls of milk or water. Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. |
| Signs and Symptoms Of Exposure: | To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |
| Note to Physician: | Treat symptomatically and supportively. |

5. Fire Fighting Measures

| | |
|--------------------------------------|---|
| Flash Pt: | No data. |
| Explosive Limits: | LEL: No data. UEL: No data. |
| Autoignition Pt: | No data. |
| Suitable Extinguishing Media: | For small fires, use dry chemical, carbon dioxide, or water spray. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. |
| Fire Fighting Instructions: | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Substance is noncombustible. Decomposes at high temperatures, resulting in toxic and corrosive products. Runoff from fire control or dilution water may cause pollution. |
| Flammable Properties and | Most of the components of this product are non-combustible. However, a portion of them |

| | |
|---------------------------------------|--|
| Hazards: | may support combustion at elevated temperatures. |
| Hazardous Combustion Products: | Thermal decomposition may result in the production of ammonia, formaldehyde, biuret, chlorine, cyanic acid, and cyanide, and oxides of carbon, nitrogen, phosphorus, potassium, sulfur, and chlorine, and oxides of alkaline earth metals, and certain heavier metals used as nutrients in fertilizer products, such as copper, iron, manganese, and zinc, and other toxic and irritating fumes and gases. |

6. Accidental Release Measures

| | |
|---|--|
| Steps To Be Taken In Case Material Is Released Or Spilled: | <p>Use proper personal protective equipment as indicated in Section 8.</p> <p>Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Avoid runoff into storm sewers and ditches which lead to waterways. Do not let this product enter the environment except as directed on product label. Clean up spills immediately, observing precautions in the Protective Equipment section.</p> <p>Personal precautions. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.</p> <p>Environmental precautions. Do not let product enter drains.</p> <p>Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.</p> <p>PROCEDURES & PERSONAL PRECAUTIONS. Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.</p> <p>Methods for cleaning up. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.</p> |
|---|--|

7. Handling and Storage

| | |
|---|---|
| Precautions To Be Taken in Handling: | <p>Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling. Use only in a well-ventilated area. Keep container tightly closed. Wash clothing before reuse.</p> <p>Provide appropriate exhaust ventilation at places where dust is formed.</p> |
| Precautions To Be Taken in Storing: | Store in a cool, dry place. Keep container closed when not in use. |

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|-------------|-----------------------|------------------------------------|---------------------|--------------|
| 1317-65-3 | Limestone | PEL: 15 (dust); 5 (resp.) mg/m3 | No data. | No data. |
| 7447-40-7 | Potassium chloride | No data. | No data. | No data. |
| 14808-60-7 | Quartz | PEL: 50 ug/m3 | TLV: 0.05 mg/m3 (R) | No data. |
| 500008-45-7 | Chlorantraniliprole | No data. | No data. | No data. |

10. Stability and Reactivity

| | |
|---|---|
| Stability: | Unstable [<input type="checkbox"/>] Stable [<input checked="" type="checkbox"/>] |
| Conditions To Avoid - Instability: | Incompatible materials, dust generation, heating to decomposition. High temperatures. |
| Incompatibility - Materials To Avoid: | Strong oxidizing agents, Bases, acids, Aluminum, Strong acids. |
| Hazardous Decomposition or Byproducts: | The decomposition of fertilizer products may result in the generation of some or all of the following: ammonia, formaldehyde, biuret, chlorine, cyanic acid, and cyanide, and oxides of carbon, nitrogen, phosphorus, potassium, sulfur, and chlorine, and oxides of alkaline earth metals, and certain heavier metals used as nutrients in fertilizer products, such as copper, iron, manganese, and zinc, and other irritating and toxic fumes and gases. |
| Possibility of Hazardous Reactions: | Will occur [<input type="checkbox"/>] Will not occur [<input checked="" type="checkbox"/>] |
| Conditions To Avoid - Hazardous Reactions: | No data available. |

11. Toxicological Information

| | |
|---|--|
| Toxicological Information: | <p>Epidemiology: No information found. Teratogenicity: Teratogenic effects have occurred in experimental animals. Neurotoxic effects have occurred in experimental animals. Reproductive toxicity - no data available. Inhalation: May cause damage to organs through prolonged or repeated exposure.</p> <p>CAS# 500008-45-7: Chlorantraniliprole:</p> <p>Acute: Oral toxicity: LOW TOXICITY Tests on rats indicate this product has a low toxicity following single doses of undiluted product LD50 = >5,000 mg/kg</p> <p>Dermal toxicity: LOW TOXICITY Tests on rats indicate this product has a low toxicity following skin contact with undiluted product LD50 = >5,000 mg/kg</p> <p>Inhalation: LOW TOXICITY Tests on rats indicate this product is not harmful due to inhalation of undiluted product LC50 (4 hours) = >2 mg/L</p> |
| Carcinogenicity/Other Information: | <p>This material may contain small amounts of respirable crystalline and amorphous silica (less than 0.1%). The International Agency for Cancer Research (IARC) has classified crystalline silica as a carcinogen to humans (Group 1), and amorphous silica as not classifiable as to its carcinogenicity to humans (Group 3). See "Silica, Some Silicates, Coal dust and para-Aramid Fibrils in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans", (Vol. 68).</p> |

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|-------------|--------------------------------------|-------|------|-------|------|
| 1317-65-3 | Limestone | n.a. | n.a. | n.a. | n.a. |
| 7447-40-7 | Potassium chloride | n.a. | n.a. | n.a. | n.a. |
| 14808-60-7 | Quartz | Known | 1 | A2 | n.a. |
| 500008-45-7 | Chlorantraniliprole | n.a. | n.a. | n.a. | n.a. |

12. Ecological Information

General Ecological Information:

Environmental: If released to the atmosphere, urea will degrade rapidly in the vapor-phase by reaction with photochemically produced hydroxyl radicals (half-life of 9.6 hr). If released to soil, urea is hydrolyzed to ammonium through soil urease activity (the basis of its use as a fertilizer). The rate of hydrolysis can be fast (24 hr); however, a number a variables (such as increasing the pellet size of the fertilizer) can decrease the degradation rate from days to weeks.

Other: Do not empty into drains.

Epidemiology: No information found.

Teratogenicity: Teratogenic effects have occurred in experimental animals.

Neurotoxic effects have occurred in experimental animals.

Reproductive toxicity - no data available.

Inhalation: May cause damage to organs through prolonged or repeated exposure.

CAS# 500008-45-7: Chlorantraniliprole:

Acute: Oral toxicity: LOW TOXICITY
Tests on rats indicate this product has a low toxicity following single doses of undiluted product
LD50 = >5,000 mg/kg

Dermal toxicity: LOW TOXICITY
Tests on rats indicate this product has a low toxicity following skin contact with undiluted product
LD50 = >5,000 mg/kg

Inhalation: LOW TOXICITY
Tests on rats indicate this product is not harmful due to inhalation of undiluted product
LC50 (4 hours) = >2 mg/L

Slightly toxic to fish
Bluegill sunfish (*Lepomis macrochirus*)
LC50 (96 hours) = >9.9 mg/L

Very highly toxic to aquatic invertebrates
Water flea (*Daphnia magna*)
EC50 (48 hours) = 35 µg/L

Slightly toxic to algae
Green algae (*Pseudokirchneriella subcapitata*)
ErC50 (72 hours) = >20 mg/L

| | |
|---------------------------------------|--|
| | Highly toxic to bees Bees (<i>Apis mellifera</i>) EC50 (2 days) = >0.1 mg/kg (contact) = >0.1141 mg/kg (oral) |
| Persistence and Degradability: | Chlorantraniliprole is not readily biodegradable. |
| Bioaccumulative Potential: | Chlorantraniliprole: Log (Kow) = 2.86 (at pH of 7.0) (DPX-E2Y45: Laboratory study of partition coefficient. E. I. du Pont de Nemours and Company. DuPont Report No. DuPont-13177. Unpublished.) |
| Mobility in Soil: | Chlorantraniliprole has medium mobility in soil. |

13. Disposal Considerations

| | |
|-------------------------------|--|
| Waste Disposal Method: | <p>If material cannot be completely used according to label directions, dispose of container and contents according to this section.</p> <p>Contact a licensed professional waste disposal service to dispose of this material.</p> <p>Do not let product enter drains.</p> <p>Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.</p> <p>RCRA P-Series: None listed. RCRA U-Series: None listed.</p> <p>Observe all federal, state, and local environmental regulations.</p> <p>Packaging: Empty bag may be placed in trash.</p> |
|-------------------------------|--|

14. Transport Information

| | |
|---------------------------------|--|
| LAND TRANSPORT (US DOT): | <p>DOT Proper Shipping Name: Not Regulated.</p> <p>DOT Hazard Class:</p> <p>UN/NA Number:</p> |
|---------------------------------|--|

15. Regulatory Information

| EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists | | | | |
|--|---|---------------------|------------------|---------------------|
| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
| 1317-65-3 | Limestone | No | No | No |
| 7447-40-7 | Potassium chloride | No | No | No |
| 14808-60-7 | Quartz | No | No | No |
| 500008-45-7 | Chlorantraniliprole | No | No | No |

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

| | | | |
|---|---|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Explosive | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Acute toxicity (any route of exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Flammable (gases, aerosols, liquid, or solid) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Skin Corrosion or Irritation |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Oxidizer (liquid, solid or gas) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Serious eye damage or eye irritation |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Self-reactive | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Respiratory or Skin Sensitization |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Pyrophoric (liquid or solid) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Germ cell mutagenicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Pyrophoric gas | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Carcinogenicity |

| | | | |
|---|---|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Self-heating | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Reproductive toxicity |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Organic peroxide | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Corrosive to metal | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Aspiration Hazard |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Gas under pressure (compressed gas) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Simple Asphyxiant |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | In contact with water emits flammable gas | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | (Health) Hazard Not Otherwise Classified (HNOC) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Combustible Dust | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | (Physical) Hazard Not Otherwise Classified (HNOC) | | |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-------------|--------------------------------------|--|
| 1317-65-3 | Limestone | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1 |
| 7447-40-7 | Potassium chloride | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No |
| 14808-60-7 | Quartz | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1 |
| 500008-45-7 | Chlorantraniliprole | CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No |

Regulatory Information: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels on non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution! Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of chlorantraniliprole from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

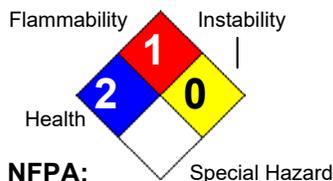
Ground Water Advisory: This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if

used in areas where soils are permeable, particularly where the water table is shallow.

16. Other Information

Revision Date: 03/05/2021

Hazard Rating System:



Additional Information About This Product: No data available.

Company Policy or Disclaimer:

LESCO urges each customer or recipient of this Safety Data Sheet (SDS) to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and is based on our current knowledge. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. It is the buyer's/user's responsibility to ensure that his or her activities comply with all federal, state, provincial and local laws. The information presented here pertains only to the product as shipped. It is the buyer's/user's duty to determine the conditions necessary for safe use of this product.

The SDS serves different purposes than, and DOES NOT REPLACE OR MODIFY, THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling.

It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.