1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Lesco Chelated Iron Plus

Recommended use
This product is a concentrated liquid fertilizer for landscape use.

Supplier/Manufacturer
LESCO, Inc.
1385 East 36th Street
Cleveland, OH 44114
Tel: 800-347-4272

Emergency telephone numbers
Chemtrec (Spill) 1-800-424-9300
Prosar (Health) 888-208-1368

2. HAZARDS IDENTIFICATION

Signal Word: None

Hazard Statements:
May irritate the digestive tract if ingested.
Keep out of reach of children.

Pictogram: None

Precautionary Statements for handling: See Section 7.

Precautionary Statements for disposal - Dispose in accordance with all federal, state and local regulations.

Hazards not otherwise classified (HNOC): None

Unknown acute toxicity: <1% of the mixture consists of ingredients of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non hazardous fertilizer ingredients</td>
<td>Various</td>
<td>60.6%</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>39.3%</td>
</tr>
<tr>
<td>Preservatives</td>
<td>Various</td>
<td>&lt;0.1% (combined)</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye Contact
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
Wash with soap and water. If injury occurs, or if discomfort or irritation persists contact a physician.

Inhalation
If inhaled and discomfort occurs, move to fresh air, and keep person at rest in a position comfortable for breathing. If difficulty in breathing occurs and/or persists, administer oxygen and get medical attention. If medical advice is needed, have product container or label on hand.

Ingestion
Rinse mouth. Drink Plenty of water. If discomfort occurs, seek medical attention. Do not induce vomiting of an unconscious person.
Self-protection of the first aider: When spraying, use dust/mist mask or any appropriate personal protective equipment as required.

Most important symptoms and effects, both acute and delayed:

Symptoms: Mist inhalation can result in irritation with nasal discomfort; skin irritation possible, but not likely with normal use.

Indication of any immediate medical attention and special treatment needed: Treat Symptoms.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media
Liquid product is not a fire hazard, and will not burn. Use extinguishing media suitable to local circumstances and the surrounding environment. Options in this case include water, CO₂, ABC Dry Chemical extinguisher, or foam.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire, do not breathe fumes.

Explosion data
- Sensitivity to mechanical impact: None
- Sensitivity to static discharge: None

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and standard protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Personal Precautions
Use reasonable personal protective equipment as required to prevent contact with eyes or skin, and to avoid breathing mist.

Environmental precautions
Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

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

Methods for clean-up
Use reasonable personal protective equipment as required. Soak up excess with inert absorbent material, or take up mechanically, placing in appropriate containers for disposal. Avoid creating mist. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Safe Handling
Use personal protective equipment during use as required to prevent contact with eyes or skin, and to avoid breathing mist. Wash hands thoroughly after handling.

Storage Conditions
Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children.

Incompatible materials
Avoid strong acids or alkali, or other reactive substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
</tr>
</thead>
</table>
Aerosol mist, nontoxic | 5 mg/m³ TWA | 5 mg/m³ TWA | 5 mg/m³ TWA 10 mg/m³ STEL

Engineering controls: Avoid creating fine, inhalable mists during application.

**Individual protection measures**

Eye protection  Safety glasses, or goggles if eye contact with concentrated product or diluted mist is likely.

Skin and Body Protection  Gloves and normal work coveralls recommended.

Respiratory Protection  Dust/mist mask recommended for misty conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene  When using product, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aqueous Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Solution</td>
</tr>
<tr>
<td>Color</td>
<td>Mixed, various</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>6.5 - 7.5</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Will not burn</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>Will not burn</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>Will not burn</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Similar to water</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.318 g/cc</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Fully soluble in water</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Will not burn</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable.

**Possibility of Hazardous Reactions**

Page 3 of 5
May release heat and fumes when mixed in solution with incompatible reactive materials.

**Hazardous polymerization**
Will not occur.

**Conditions to avoid**
None known

**Incompatible materials**
Strong acids or alkali, or other reactive substances.

**Hazardous Decomposition Products**
May emit toxic fumes under fire conditions, such as Nitrogen oxides (NOx), Ammonia, Oxides of sulfur, Hydrogen chloride and Carbon monoxide.

### 11. TOXICOLOGICAL INFORMATION

**Routes of exposure:** Ingestion, eyes (contact), skin (contact), mist inhalation

**Symptoms** May irritate the digestive tract if ingested in quantity, causing nausea, vomiting and diarrhea.

**Sensitization** No information available.

**Germ cell mutagenicity** No information available

**Carcinogenicity** Not carcinogenic.

**Reproductive toxicity** No information available

**STOT - single exposure** No information available

**STOT - repeated exposure** No information available

**Chronic toxicity** No information available

**Target Organ Effects** No information available

**Aspiration hazard** No information available

### 12. ECOLOGICAL INFORMATION

Fertilizers may be harmful to aquatic life with short term effects, causing algal bloom and increased BOD, depending on the amount released.

**Persistence and degradability** No information available

**Bioaccumulation** No information available

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

This material, as supplied is not a hazardous waste according to federal regulations (40 CFR 261).

**Disposal of wastes:**
- This product is a non-hazardous waste material suitable for approved solid waste landfills.
- No EPA Waste Numbers are applicable for this product’s components.
- Dispose of in accordance with Local, State, and Federal regulations.

**Contaminated packaging**
No US Federal special packaging considerations at the date of this document. Follow local regulations.
DOT Description: Liquid fertilizer, N.O.S
This product is not a hazardous material and is not regulated by the United States Department of Transportation (D.O.T).
IMDG: Not a dangerous good.
ICAO/IATA: Not a dangerous good.

15. REGULATORY INFORMATION

General Product Information: This product is not federally regulated as a hazardous material.
Clean Air Act: No information is available.
Clean Water Act: No information is available.

State Regulations – General: This product is not regulated by any State as a hazardous material.
Component Analysis – State: None of this product’s components are on the state lists from CA, FL, MA, MN, NJ, or PA.
Component Analysis – WHMIS IDL: No components are listed in the WHMIS IDL.

16. OTHER INFORMATION

Disclaimer
The information provided in this material 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 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.