

**1. Chemical Product and Contact Information**

Revised: 4/1/96

Product Name: Rust Inhibiting Additive Part numbers:**811-108****LECO Corporation****811-109****3000 Lakeview****St. Joseph, Michigan 49085****Information: 616-983-5531****Chemtrec: 800-424-9300****(Chemtrec Int'l: 202-483-7616)****2. Composition/Information on Ingredients**

<u>Component</u>	<u>CAS No.</u>	<u>OSHA PEL (mg/m³)</u>	<u>ACGIH TLV (mg/m³)</u>	<u>Other Limits</u>	<u>Typical % by Weight</u>
Triethanolamine	102-71-6	Not given	Not given		10 - 20
Diethanolamine	111-42-2	Not estab.	3 ppm		5 - 10
Water	7732-18-5	Not given	Not given		65 - 80
Corrosion Inhibitor	64665-57-2	Not given	Not given		0.1 - 1
Diethylene Glycol	111-46-6	Not given	Not given		1 - 5
Perfume	Trade Secret	Not given	Not given		0 - 1
Water Soluble Dye	1330-38-7	Not given	Not given		0 - 1
Fungicides	3811-73-2	Not given	Not given		0 - 1
Modified Synthetic Sulfonate/Carboxylate	46948-72-5	Not given	Not given		5 - 10

3. Hazard Identification**EMERGENCY OVERVIEW**

No unusual spill or fire hazard; minor inhalation health risk. Blue liquid with mild odor.

Potential Health Effects

EYES: Can be irritating.

SKIN: Can be irritating.

INHALATION: Can cause difficulty in breathing or irritation.

INGESTION: May cause nausea, stomach cramps, lethargy, or other throat or stomach irritation.

MEDICAL CONDITIONS AGGRAVATED: Not available.

CHRONIC OVEREXPOSURE: Not available.

ACUTE OVEREXPOSURE: Not available.

CARCINOGENICITY: None.

P/N: 811-108

4. First Aid Measures

EYES: Flush with clean water for 15 minutes. If irritation persists, call a physician.
 SKIN: Remove any contaminated clothing. Wash skin and clothing thoroughly with soap and water.
 If irritation persists, call a physician..
 INHALATION: Move to fresh air area. If irritation persists, call a physician.
 INGESTION: Do not induce vomiting. Call a physician immediately.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Non-flammable.
 Flash Point: None Method Used: Not applicable.
 Flammable Limits (% by Volume in Air):
 Lower: None. Upper: None.
 AUTO-IGNITION TEMPERATURE: Not applicable.
 HAZARDOUS COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, carbon dioxide, sulfur oxides, nitrogen oxides.
 EXTINGUISHING MEDIA: Wear self-contained breathing apparatus in confined area. Use water to cool fire-exposed containers.
 FIREFIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus in confined area. Use water to cool fire-exposed containers.

6. Accidental Release Measures

GENERAL SPILLS: Eliminate all sources of ignition.
 SMALL SPILLS: Soak up with absorbent material.
 LARGE SPILLS: Dike and pump into drums. Prevent from entering drains, sewers or waterways.

7. Handling and Storage

HANDLING: If product freezes, thaw completely and agitate.
 STORAGE: Keep container closed. Avoid storing above 120° F. (49° C.).

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: None required.
 RESPIRATORY PROTECTION: Minimize breathing vapor, mist or fumes.
 SKIN AND HAND PROTECTION: Avoid prolonged/repeated contact with skin.
 EYE AND FACE PROTECTION: Use safety goggles when eye contact may occur.
 OTHER PROTECTIVE EQUIPMENT: None required.

15. Regulatory Information**U.S. FEDERAL REGULATIONS:**

TSCA STATUS: On Toxic Substance Control Inventory.

CERCLA REPORTABLE QUANTITY: None.

SARA TITLE III:

Section 302 Extremely Hazardous Substances:

None.

Section 313 Toxic Chemicals:

Diethanolamine, Glycol Ethers

RCRA STATUS: Not regulated.

CANADIAN REGULATIONS:

WHMIS: D2B

16. Other Information**Hazard Index: (0 - 4, 4 = Extreme)****Health: 1****Fire: 1****Reactivity: 0**

Prepared By:

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Information herein is given in good faith as authoritative and valid; however, no warranty, expressed or implied can be made.

9. Physical and Chemical Properties

APPEARANCE: Blue liquid.
 BOILING POINT: 212° F. (100° C.)
 FREEZE-MELT POINT: Not available.
 VAPOR PRESSURE (mm): Not available.
 VAPOR DENSITY (air = 1): > 1.0
 SOLUBILITY IN WATER: Completely soluble.
 SPECIFIC GRAVITY: > 1.00
 pH: Not available.
 ODOR: Mild.
 PERCENT VOLATILES: 50 - 70
 EVAPORATION RATE (Butyl Acetate = 1): Not available.

10. Stability and Reactivity

CHEMICAL STABILITY: Stable.
 INCOMPATIBILITY: Avoid contact with strong oxidants such as liquid oxygen or chlorine. Do not add or contaminate with nitrites; nitrosamines may form.
 HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, carbon monoxide, carbon dioxide, sulfur oxides, nitrogen oxides.
 HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

None reported.

12. Ecological Information

Not available.

13. Disposal Consideration

Dispose of in accordance with local, state and federal regulations.

14. Transportation Information

U.S.A. DOT: Not regulated.