

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

**SECTION I**

Manufacturer's name: Lebanon Seaboard Corporation  
Address: 1600 East Cumberland Street, Lebanon PA 17042  
Information: 800-532-0090  
Emergency: 888-208-1368 PROSAR  
Spills: 800-424-9300 CHEMTREC  
Date of Creation: 8-16-10

Trade Name: Nutri · Rational True Foliar® N-K Balance 10-0-10  
Chemical Family: Nitrogen and Potassium Liquid Fertilizer  
Formula: Derived from Ammonium nitrate, Urea, Ammonium Polyphosphate, Potassium Citrate, Potassium Carbonate, Magnesium Nitrate, Zinc Nitrate, Manganese Nitrate, Magnesium Sulfate, Copper Sulfate, Zinc Sulfate, Ferrous Sulfate, Iron EDTA and Kelp Extract.

**SECTION II - Hazardous Ingredients**

Hazardous Components: None known.  
Chemical Name: N/A

**SECTION III -Physical Data**

pH ..... 7.0  
Specific Gravity..... 1.28  
Boiling Point..... >H<sub>2</sub>O  
Appearance & Odor.. Dark brown liquid, iron odor.  
Vapor Pressure..... N/A  
Vapor Density..... N/A  
Melting Point ..... N/A  
Percent, Volatile by Volume.. 40% as water  
Evaporation Rate.... <H<sub>2</sub>O

**SECTION IV - Fire and Explosion Data**

Flash Point (Method): N/A  
Flammable Limits:  
LEL: N/A  
UEL: N/A  
Extinguishing Media: Water  
Special Firefighting  
Procedures: N/A

Unusual Fire & Explosion  
Hazards: N/A

### **SECTION V - Reactivity Data**

Stability: Stable  
Conditions to Avoid: Freezing, excessive heat, moisture.  
Hazardous Polymerization: N/A  
Incompatibility:  
Materials to avoid N/A  
Hazardous Decomposition  
or By-Products: N/A

### **SECTION VI - Health Hazard Data**

Toxicity: None Found  
Routes of Entry: Skin, Ingestion  
Carcinogenicity:  
NTP: No  
IARC Monographs: No  
OSHA Regulated: No

This product may cause eye and skin irritation. Immediately flush eyes with copious amounts of water for at least 15 minutes. Call a Physician. Wash contaminated areas with copious amounts of water. If skin irritation persists, consult a Physician.

Do not give anything by mouth to an unconscious person. If swallowed, do not induce vomiting; Give one or two glasses of milk or water. Contact Physician immediately.

### **SECTION VII - Precaution for Safe Handling and Use**

Steps to be Taken In  
Case Material is Released Absorb liquid spills with a dry absorbent. Containerize unusable  
Waste Disposal Method: material for disposal in an approved waste facility.  
Dispose in closed containers at an approved landfill, in accordance  
With local, state, and federal regulations. Material may also be flushed  
with water to an appropriate waste water treatment system.  
Precaution to be Taken in  
Handling & Storage: Store in closed containers.  
Other Precautions: Avoid ingestion and contact with eyes, skin, and clothing.

### **SECTION VIII - Control Measures**

**Ventilation:** Not Applicable (have adequate ventilation)

**Respiratory Protection:** NIOSH/MSHA approved for mists. Use with adequate ventilation and employ respiratory protection when exposure to mist and spray is possible.

**Protective Clothing:** Impervious gloves.

**Eye Protection:** Side-shield safety glasses or goggles.

Other Protective Clothing & Equipment      Wear protective clothing (including chemical-resistant safety shoes) to minimize skin contact. Wash contaminated clothing with detergent And warm water prior to reuse. Safety showers and eyewash stations should be provided in areas where product is to be handled.

**Work/Hygienic Practices:**      Good housekeeping practices should be followed to minimize Exposure to product.

### **SECTION IX - Environmental Protection**

**Spills:** Dyke or contain to avoid product reaching drinking water supplies. Pump to salvage container. Dispose of small amounts with inert absorbent materials and dispose of according to local requirements.

**Waste Disposal:** Dispose of according to local requirements.

**Container Disposal:** Dispose of according to Local, State and Federal regulations. Recommend crushing or other means to prevent unauthorized use.

### **SECTION X - Regulatory Status**

Not Applicable

#### **Conditions of Sale:**

The information presented herein is believed to be correct, but no claim is made as to the accuracy or completeness of this information. The Manufacturer warrants only that product conforms to label description. No other warranty is made with regard to merchantability, fitness for a particular use, or product performance. Buyer and user agree to accept all liability associated with handling, use, and disposal of this product. Sole remedy for any damage or consequences from use of this product shall be recovery of product's purchase price.