

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

NAME: **ST. AUGUSTINE & LAWN 18-8-8 FERTILIZER SOLUTION**

PRODUCT CODE: **7007**

DISTRIBUTED BY: Superco Specialty Products, 25041 Anza Dr., Valencia, CA 91355  
(661)775-8877 FAX: (661)775-8884

**II. COMPOSITION / INFORMATION ON INGREDIENTS**

| MATERIAL    | CAS# | OSHA PEL | ACGIH TLV | OTHER | %(optional) |
|-------------|------|----------|-----------|-------|-------------|
| None Listed |      |          |           |       |             |

**III. HAZARDS IDENTIFICATION**

\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*

HEALTH: Minimal hazard under normal conditions. Dust from this product may cause irritation to eyes.  
ENVIRONMENTAL: This fertilizer material may promote algae growth if released into ponds, lakes, or other water supplies.

**POTENTIAL HEALTH EFFECTS**

PRIMARY ROUTE(S) OF ENTRY - Eye contact.  
EYES - May be irritating. SKIN - May cause skin irritation, redness and burning. INGESTION - May cause stomach cramps and or nausea and diarrhea. INHALATION - High concentrations of mist may cause irritation to nose, throat, and aggravate the respiratory tract.

**IV. FIRST AID MEASURES**

EYES: - Flush with water for 10-15 minutes. Contact a physician if irritation persists.  
SKIN:- Remove contaminated clothing. Wash skin with soap and water. Contact a physician if irritation persists.  
INGESTION: - Drink 2 glasses of water and induce vomiting. Do not give anything by mouth to an unconscious person. Get medical attention.  
INHALATION: - Remove affected person to fresh air. Get medical attention.

**V. FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES: FLASH POINT: Noncombustible FLAMMABLE LIMITS: N/E  
EXTINGUISHING MEDIA - Use that which is appropriate for surrounding fire.  
FIRE FIGHTING INSTRUCTIONS -Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: During extremely high temperature fire conditions, this product may reach the melting point and decompose to release toxic gases; NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub>, CN.

**VI. ACCIDENTAL RELEASE MEASURES**

HANDLING PRECAUTIONS: Contain spill and prevent from entering sewer or water-course. Sweep material and package for use as a fertilizer or for disposal.

**VII. HANDLING AND STORAGE**

STORAGE PRECAUTIONS: Store this material in cool, dry, areas. Prevent spillage and separate from strong oxidizers.  
WORK/HYGIENIC PRACTICES: Wash hands, arms and face with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before reuse.

**VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Approved dust respirator when necessary  
EYE/ FACE PROTECTION: Safety Glasses or Goggles should be used in dusty conditions.  
SKIN PROTECTION: Normal clean work clothing.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Solid, Gray granules ODOR: Slight mineral dust odor  
BASIC PHYSICAL PROPERTIES:  
VAPOR PRESSURE: N/A VAPOR DENSITY:N/A DENSITY: 63 lbs/ft<sup>3</sup> EVAPORATION RATE: N/A  
SOLUBILITY: 90% Soluble in Water

**X. STABILITY AND REACTIVITY**

STABILITY: Stable CONDITIONS TO AVOID (STABILITY): Moisture and over heating  
HAZARDOUS POLYMERIZATION: Will Not Occur  
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.  
HAZARDOUS DECOMPOSITION PRODUCTS: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH<sub>3</sub>, SO<sub>x</sub>, PO<sub>x</sub>, or CN

**XI. TOXICOLOGICAL INFORMATION**

|                    | ORAL LD50 (RAT)     | DERMAL LD50 (RAT) | AQUATIC FISH 96-HOUR        | AQUATIC (OTHER)                 |
|--------------------|---------------------|-------------------|-----------------------------|---------------------------------|
| Ammonium Sulfate   | 640-4,250 mg/kg     | >2,000 mg/kg      | 13.6 – 159.8 mg total NH3/L | > 27.0 mg/total NH3/L (daphnia) |
| Potassium Chloride | 1,500 – 2,600 mg/kg | none listed       | 2,010 mg/L                  | none listed                     |

CHRONIC (CANCER INFORMATION): CARCINOGENICITY: NTP: No IARC: No OSHA: No

CALIFORNIA PROP 65: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**XII. ECOLOGICAL INFORMATION**

Keep out of water supplies, lakes, ponds, streams, and rivers. This product is a fertilizer and may promote algae growth.

**XIII. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL PROCEDURES: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural and soil management.

**XIV. TRANSPORTATION INFORMATION**

PROPER SHIPPING NAME: Fertilizer compound, dry NMFC: 68140 Sub 5 LTL CLASS: 50  
HAZARD CLASS: None DOT IDENTIFICATION NUMBER: None DOT SHIPPING LABEL: None RQ: None  
NOTE: This product is not DOT regulated.

**XV. REGULATORY INFORMATION**

SARA TITLE III NOTIFICATIONS AND INFORMATION: This product does not contain chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

**XVI. OTHER INFORMATION**

HMIS Ratings: Health - 1 Slight Fire - 0 Least Reactivity - 0 Least Personal Protection –Dust mask

**XVII. APPENDIX**

MATERIAL SAFETY DATA SHEET PREPARED BY: REGULATORY DEPARTMENT  
DATE PREPARED: March 15, 2006 SUPERSEDES: FEBRUARY 15, 1990  
EMERGENCY PHONE NUMBER: 661-775-8877

ABBREVIATIONS  
N/E Not Established  
N/A Not Available