

# MATERIAL SAFETY DATA SHEET

TREE & SHRUB SOIL NUTRIENT MIX      Page 1 of 4  
5-0-0 PLUS CHELATED MICRONUTRIENTS

Issue Date: 08/12

## SECTION 1.      PRODUCT AND COMPANY IDENTIFICATION

### Chemical Product

TREE & SHRUB SOIL NUTRIENT MIX 5-0-0 PLUS CHELATED MICRONUTRIENTS

Chemical Description: Dry fertilizer mixture, water soluble.

TSCA/CAS No.:      This product is a mixture — there is no specific CAS number.

### Manufactured For

Lawn and Garden Products, Inc.

P. O. Box 35000

Fresno, CA 93745-5000

### Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES: (559) 994-9144

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

## SECTION 2.      HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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None.

## SECTION 3.      EMERGENCY/HAZARDS OVERVIEW

Fine green granules with mild odor. May be harmful if swallowed. May cause slight irritation to eyes. Not D.O.T. regulated.

HEALTH: 1    REACTIVITY: 0    FLAMMABILITY: 1    ENVIRONMENT: 1

(0=Insignificant    1=Slight    2=Moderate    3=High    4=Extreme)

## SECTION 4.      FIRST AID

Eyes:      Flush immediately with water for at least 15 minutes. Call a physician if eye irritation persists.

Skin:      Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. See a physician if skin becomes irritated.

Ingestion:    Rinse mouth and then drink plenty of water. Do not induce vomiting. Call a physician or Poison Control Center immediately.

Inhalation:    Move to fresh air. If breathing becomes difficult, call a physician.

**SECTION 5.            FIRE AND EXPLOSION HAZARDS**

Flash Point:	Not applicable.
Test Method:	Not available.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not pertinent.
Flammability Classification:	Not readily ignitable.
Known Hazardous Products of Combustion:	Not known.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	Slight and only from dust formation.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	None.
Unusual Fire & Explosion Hazards:	None.
Extinguishing Media:	Carbon dioxide, dry powder, foam, water spray. Do not use water jet as it can rapidly spread fire.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

**SECTION 6.            SPILLS AND LEAKS**

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Sweep up and use according to labeling or package for disposal.
Evacuation:	Not necessary.

**SECTION 7.            STORAGE AND HANDLING**

Storage:	Store in a cool, dry place. Do not store in contact with aluminum or copper. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer solutions of product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**SECTION 8.            PERSONAL PROTECTIVE EQUIPMENT**

Eyes:	Chemical dust/splash goggles to keep dust out of eyes. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Not normally needed but recommend NIOSH-approved respirator (such as 3M #8500) for nontoxic nuisance dust. If use in solutions generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

**SECTION 9.                    PHYSICAL AND CHEMICAL DATA**

Appearance:	Fine green granules.
Odor:	Mild.
pH:	5 - 8.
Vapor Pressure:	<0.000001 hPa.
Vapor Density (Air=1):	Not applicable.
Boiling Point:	Not applicable.
Freezing Point:	Not applicable.
Water Solubility:	Soluble.
Density:	650 - 900 kg/m <sup>3</sup> .
Evaporation Rate:	Not applicable.
Viscosity:	Not applicable.
% Volatile:	Not determined.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

**SECTION 10.                  STABILITY AND REACTIVITY**

Stability:	Stable.
Conditions To Avoid:	Avoid extreme temperatures.
Incompatibility:	Strong oxidizing agents, strong alkalies.
Hazardous Decomposition Products:	None.
Hazardous Polymerization:	Will not occur.

**SECTION 11.                 POTENTIAL HEALTH EFFECTS**

Acute Effects:

Eyes:	Mild irritant. May cause redness.
Skin:	Mild irritant, especially from prolonged exposure. May cause redness.
Ingestion:	May cause stomach cramps and/or nausea.
Inhalation:	Inhalation of nuisance dust may cause coughing, wheezing and/or mild irritation of nasal mucous membranes.

Subchronic Effects: None known.

Chronic Effects: None known.

**SECTION 12.                ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	LC <sub>50</sub> : > 100 mg/l
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13.      DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14.      TRANSPORTATION

D.O.T. Shipping Description:	Not D.O.T. Regulated.
Other Shipping Description:	Fertilizing Compounds (Manufactured), Dry, Pkgd. (NMFC Item 68140 Sub 4, LTL Class 60)

SECTION 15.      REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

PROPOSITION 65 (CA): ATTENTION: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16.      OTHER

While the information contained herein is based on data considered accurate and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act, it is provided for guidance only. Lawn and Garden Products, Inc. does not guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations; in so doing, user assumes all risk in use of the material. The information contained herein is not to be taken as a warranty or representation for which Lawn and Garden Products, Inc. assumes legal responsibility.