Safety Data Sheet
Green9

SECTION 1: Identification

1.1 Product identifier

Product name	Green9
Product number	KTLG9
Brand	Key To Life

1.4 Supplier's details

Name	Key To Life
Address	10900 W 120th Avenue Suite C Broomfield CO 80021 USA
Telephone	(303) 955-7838
email	info@keytolifegarden.com

SECTION 2: Hazard identification

General hazard statement
Not classified as hazardous according to the EEC Dangerour Substances Directive and Dangerous Peparation Directive.

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

SECTION 3: Composition/information on ingredients

3.2 Mixtures

To prevent and correct nutrient deficiency in most agricultural, horticultural and ornamental crops. Recommended for soil and foliar application.

Hazardous components

1. Ethylene Di-amine Tetra-acetic acid Iron Di-Sodium
Concentration 2.5 % (weight)

2. Ethylene Di-amine Tetra-acetic acid Copper Di-Sodium
Concentration 1 % (weight)

3. Ethylene Di-amine Tetra-acetic acid Manganese Di-Sodium
Concentration 1 % (weight)

4. Ethylene Di-amine Tetra-acetic acid Zinc Di-Sodium
Concentration 3 % (weight)

5. Ethylene Di-amine Tetra-acetic acid Boron Di-Sodium
Concentration 0.5 % (weight)

6. Ethylene Di-amine Tetra-acetic acid Molybdenum Di-Sodium
Concentration 0.1 % (weight)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	In all cases of doubts or when symptoms persist, seed medical attention.
If inhaled	Dust may be irritating to the respiratory system and may cause symptoms of bronchitis. Move to fresh air. If symtpoms persist, seek advice.
In case of skin contact	Take off contaminated clothing immediately. Wash immediately with soap & water.
In case of eye contact	Rinse thoroughly with plenty of water. Eyelids should be held away from to ensure thorough cleaning. In case irritation persists, seek medical advice.
If swallowed	Rinse mouth and give water to drink.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Water spray, Foam, Dry chemical powder, CO2

5.2 Specific hazards arising from the chemical
In case of fire and/or explosion, do not breathe fumes.

Further information
Protection Equipment: Use self-contained repiratory equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Refer to Section 8.1 & 8.2 below.

6.2 Environmental precautions
Collect as much as possible in clean container for reuse.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid dust generation.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls
Use protective cloth.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Wear eye/face protection.

Skin protection
Usual precautions to be observed.

Body protection
Usual precautions to be observed. Gloves are recommended. Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practices.

Respiratory protection
Dust safety masks are recommended.

Environmental exposure controls
No exposure limits have been set for this material.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Blueish Green Powder
Odor	Odorless
Odor threshold	
pH	4.0-5.0
Melting point/freezing point	n/a
Initial boiling point and boiling range	not relevant
Flash point	not relevant
Evaporation rate	
Flammability (solid, gas)	not relevant
Upper/lower flammability limits	not relevant
Vapor pressure	
Vapor density	not relevant
Relative density	~800 kg/m3
Solubility(ies)	not determined
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	n/a
Decomposition temperature	
Viscosity	not relevant
Explosive properties	not relevant
Oxidizing properties	n/a

Other safety information
Aspect: Micro granule

SECTION 10: Stability and reactivity

10.2 Chemical stability
Stable under recommended storage and handling conditions.

10.4 Conditions to avoid
Oxidizing conditions to be avoided.

10.5 Incompatible materials
None known.

10.6 Hazardous decomposition products
Nitrogen oxides (NOX) may be produced.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
No data of the product available as such. From structurally related products the following may be expected: LD50 (Rat) > 5,000 mg/Kg

Skin corrosion/irritation
Non-irritating

SECTION 12: Ecological information

Toxicity
No data of the product available as such. From structurally related products the following may be expected:
Fish: LD50 - not available
Daphnia: EC50 - not available
Algae: EC50 - not available

Persistence and degradability
Abiotic degradation fate: Photodegradable
Biotic degradation fate: Not readily bio-degradable

SECTION 13: Disposal considerations

Disposal of the product
In accordance with local and national regulations.

Disposal of contaminated packaging
No specific recommendation.

SECTION 14: Transport information

14.1 UN Number
14.2 UN Proper Shipping Name
14.3 Transport hazard class(es)
14.4 Packing group

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment

This product is not a hazardous article and need not be labeled according to EC Directives as amended.

DISCLAIMER :

The information contained in this MSDS is based on our best knowledge and believed to be reliable; but no representation guarantee or warranties of any kind are made as to its accurace, suitability for a particular application or results to be obtained from them. The use of this material should decide what safety measures are necessary to safely use this material either alone or in combination with other materials.

SECTION 16: Other information