



**WEDGWORTH'S INC.  
SAFETY DATA SHEET**

DATE PREPARED: 7/7/20

CURRENT AS OF: 2/8/22

**SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION**

PRODUCT CODE:

PRODUCT NAME: K Plus Minors 0-0-14

PRODUCT USE: Fertilizer

MFR INFO:

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

**SECTION 2: HAZARDS IDENTIFICATION**

HAZARD SYMBOLS / STATEMENTS:



**DANGER CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. CAUSES RESPIRATORY IRRITATION. HARMFUL IF SWALLOWED.**

HAZARD CLASSIFICATIONS:

*EYE DAMAGE*

*SKIN IRRITATION*

*ACUTE TOXICITY, ORAL*

*SPECIFIC TARGET ORGAN TOXICITY*

- *SINGLE EXPOSURE*

CATEGORY

1

1B

4

3

INTERPRETATION

Causes serious eye damage

Causes severe skin burns

Harmful if swallowed

May cause respiratory irritation

PRECAUTIONARY STATEMENTS:

- *STORE LOCKED UP*
- *WEAR PROTECTIVE GLOVES AND CLOTHING*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *AVOID BREATHING DUSTS*
- *IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS*
- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*

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- **DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT**
- **IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION**
- **IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES; AFTER RINSING SEEK MEDICAL ATTENTION**
- **IF SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION**

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Potassium Sulfate		7778-80-5	20-30
Magnesium Sulfate		7487-88-9	00-10
Iron Sulfate		7782-63-0	00-10
Manganese Sulfate		10034-96-5	00-10
Zinc Sulfate	Zincteral	7446-20-0	00-10
Limestone	Calcite	1317-65-3	00-10
Gypsum		13397-24-5	00-10

### SECTION 4: FIRST AID MEASURES

IF INHALED:	Move to fresh air and keep comfortable, seek medical attention if unwell.
IF ON SKIN:	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention.
SPECIAL TREATMENT:	None known
HEALTH HAZARDS:	See Section 11

### SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	Use media suitable for surrounding fire. No special media required.
SPECIFIC FIRE HAZARDS:	When heated to decomposition, this product will emit toxic oxides and sulfides.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL / RELEASE PROCEDURES:	Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.
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ENVIRONMENTAL PRECAUTIONS: Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.

PROTECTIVE EQUIPMENT: Wear PPE according to Section 8

### SECTION 7: HANDLING AND STORAGE

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing dusts. Not intended for human consumption. Store locked up in a cool, dry, well-ventilated area away from incompatible materials.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMITS:

The following constituents are the only constituents of the product, which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

<u>HAZARDOUS COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Manganese Compounds	5mg/m <sup>3</sup>	0.2mg/m <sup>3</sup>
Ferrous Sulfate		1 mg/m <sup>3</sup> (TWA) 1 mg/m <sup>3</sup> (TWA) (NIOSH)
Gypsum	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)
Limestone	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)

#### PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION: NIOSH approved respirator, if required

EYE PROTECTION: Safety glasses with sideshields, goggles, or faceshield

SKIN PROTECTION: Appropriate for the task. Impervious and compatible with material,

VENTILATION: Use with adequate ventilation

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Granular

pH: Not applicable

MELTING POINT: Not applicable

BOILING POINT: Not available

FLASH POINT: Not flammable

EVAPORATION RATE: Not available

FLAMMABLE LIMITS: Not applicable

VAPOR PRESSURE: Not available

VAPOR DENSITY: Not available

SPECIFIC GRAVITY: Not available

SOLUBILITY (IN WATER): Soluble

PARTITION COEFFICIENT: Not available

AUTOIGNITION TEMP: Not available

DECOMPOSITION TEMP: Not available

ODOR THRESHOLD: Not available

VISCOSITY: Not available

**SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Product is stable.  
CONDITIONS TO AVOID: Heat  
INCOMPATIBILITY: Strong bases and oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides and sulfides.

**SECTION 11: TOXICOLOGICAL INFORMATION**

HEALTH EFFECTS: Causes severe skin burns and eye damage. Causes irritation to the respiratory tract. Harmful if swallowed.  
CARCINOGENICITY: None of the ingredients are known / listed carcinogens. However, the product may contain trace amounts of crystalline silica, which is listed by IARC as a potential human carcinogen.

INGREDIENT TOXICITY RANGES:

ORAL: > 305 mg/kg (manganous sulfate)  
DERMAL: > 155 mg/kg (ferrous sulfate) – 2,000 mg/kg (zinc sulfate)

**SECTION 12: ECOLOGICAL INFORMATION**

Long-term degradation products may arise. Products of degradation are not expected to be hazardous.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated as a transportation hazard.

**SECTION 15: REGULATORY INFORMATION**

SARA 311/312: ACUTE  
SARA 313: Zinc Compounds  
Manganese Compounds  
Zinc Sulfate  
REPORTABLE QUANTITY: Zinc Compounds (No RQ)  
Manganese Compounds (No RQ)  
RIGHT-TO-KNOW: Zinc Compounds (CA, IL, MA, NJ, PA)  
Zinc Sulfate (MA, NJ, PA)  
Manganese Compounds (CA, MA, MN, NJ, PA)  
Manganous Sulfate (CA, MN, NJ, PA)

**SECTION 16: OTHER INFORMATION**

NFPA RATINGS: HEALTH 2

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FLAMMABILITY	0
INSTABILITY	0

HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

SDS NO: XYZ

PREPARED BY: DBA EHS Consulting

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