



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 6/11/15

CURRENT AS OF: 1/19/23

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10000545, 10006268, 10006266, 10006267

PRODUCT NAME: K-MATE™ SG

PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc.
PO Box 119
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

No applicable GHS Categories.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Humic Acids, Potassium Salts		0068514-28-3	95%

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard

SECTION 4: FIRST AID MEASURES

IF INHALED: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

IF ON SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

IF IN THE EYES: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

IF SWALLOWED: Rinse mouth. Dilute the stomach contents by giving large amounts of water or milk.

OVERVIEW: Product may cause oxygen deficiency in enclosed space. Dust causes irritation. Skin contact and ingestion are not considered hazardous.

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Use media suitable for surrounding fire.

SPECIFIC FIRE HAZARDS: No hazardous decomposition data available.

SPECIAL FIREFIGHTING PROCEDURES: Substance is not considered a fire or explosion hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT: Wear PPE according to Section 8

SPILL / RELEASE PROCEDURES: Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.

ENVIRONMENTAL PRECAUTIONS: Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities. Use good personal hygiene practices. Wash hands before eating, drinking, smoking and using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

METHODS AND MATERIAL CONTAINMENT AND CLEAN UP:

SMALL: Dilute and wash away with water.

LARGE: Sweep/ Scoop Material, collect and containerize.

PERSONAL PRECAUTIONS: The usual precautions for handling organic bio-stimulants should be observed.

SECTION 7: HANDLING AND STORAGE

Minimize generation of dust during handling. In enclosed environments, appropriate ventilation is recommended. Be aware of possible dust explosion hazards at more than 500 C (932 F). Store in a dry location to avoid moisture damage. Suitable for general storage areas. Keep product container closed and covered if possible. Keep out of reach of children.

INCOMPATIBLE MATERIALS: Incompatible with strong acids. Powerful oxidizing agents can cause gassing when mixed with product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**CONTROL PARAMETERS EXPOSURE:**

CAS NO.: 0068514-28-3

INGREDIENT: HUMIC ACIDS, POTASSIUM SALTS

OSHA: No Established Limit

ACGIH: No Established Limit

NIOSH: No Established Limit

Supplier: No Established Limit

CARCINOGEN DATA:

CAS NO.: 0068514-28-3

INGREDIENT: HUMIC ACIDS, POTASSIUM SALTS

OSHA: Select Carcinogen: No

NTP: Known: No; Suspected, No

IARC: Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved particulate respirator. If using it in an enclosed area, make sure there is good ventilation.
EYE PROTECTION:	Approved Safety glasses to avoid particulate but no required.
SKIN PROTECTION:	Gloves may be worn, but not required.
VENTILATION:	Local exhaust ventilation and confinement of handling systems may be required to control exposure to dust.
OTHER WORK PRACTICES:	Under normal use conditions, application of this product should not require PPE. In industrial process settings, respirator equipped with a dust filter, should be worn when exposed to the product under dust generating conditions. Disposable units are normally satisfactory for short-term or intermittent exposure. The use of additional personal protective equipment is optional. Safety goggles, coveralls and protective footwear may be wore when handling bulk quantities of the product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Black, odorless solid granules
pH:	9.25 in 14.06% solution
MELTING / FREEZING POINT:	> 3000°C
FLASH POINT:	Not Measured
EVAPORATION RATE:	Not Measured
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not Measured
VAPOR DENSITY:	Not Measured
SPECIFIC GRAVITY:	Not Measured
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not Measured
AUTOIGNITION TEMP:	Not Measured
DECOMPOSITION TEMP:	Not Measured
ODOR THRESHOLD:	Not Measured
VISCOSITY:	Not Measured
MOISTURE:	~10% (May vary depending on humidity and temperature)
BULK DENSITY:	650 kg/m ³

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Hazardous Polymerization will not occur.
STABILITY:	Stable under normal circumstances.
CONDITIONS TO AVOID:	No data available
INCOMPATIBILITY:	Strong acids. Powerful oxidizing agents can cause gassing when mixed with product.
HAZARDOUS DECOMPOSITION PRODUCTS:	No hazardous decomposition data available.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: No data available

CARCINOGENICITY: No data available

INGREDIENT TOXICITY RANGES:

ORAL: Not applicable

DERMAL: Not applicable

INHALATION: Not applicable

SECTION 12: ECOLOGICAL INFORMATION

No additional information provided for this product. See Section 3 for chemical specific data.

SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all National, State, and local regulations. Avoid contamination of ponds, waterways or ditches.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Pennsylvania RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is: Not applicable

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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