

SAFETY DATA SHEET

Composted Poultry Manure

1. Product Identification

Product Name: KPF 5-4-3 W/9% Calcium

Recommended Use: Organic based all-purpose fertilizer.

Supplier: Kreher Enterprises LLC P.O. Box 410 Clarence, NY 14031

Telephone: (716) 759-6802

2. Hazard Identification Based on available information, not classified as a hazardous substance. NON-HAZARDOUS SUBSTANCE
NON-HAZARDOUS GOODS

PRIMARY ROUTE(S) OF EXPOSURE:

(x) Ingestion

(x) Skin - Fiber, water, organics

(x) Inhalation - Dust

3. Composition

COMPONENTS	PERCENT	OSHA PEL	ACGIH TLV
Composted Chicken Manure	~ 80	15 mg/M3	10 mg/M3
Water	~ 20		

APPEARANCE AND ODOR: Solid Brown pellet or crumble, Organic in Odor

4. First Aid Measures

ACUTE HEALTH HAZARDS: Signs and symptoms of exposure/emergency first aid procedures:

Ingestions: Not applicable under normal use. If ingested give 2-3 glasses of water and induce vomiting. Call a doctor.

Eye Contact: Dust may mechanically irritate the eyes resulting in redness and watering Treat dust in eye as foreign object. Flush with water to remove dust particle. Get medical help if irritation persists.

Skin Contact: For skin exposure, wash with soap and water. Get medical help if rash, irritation, or dermatitis persists.

Skin Absorption: Not known to occur under normal use. Inhalation: Excessive dust concentrations may cause unpleasant deposit/obstruction in the nasal passages, resulting in dryness of nose, dry cough, and headaches. Remove to fresh air. Get medical help if persistent irritation, severe coughing, or breathing difficulty occur.

5. Fire Fighting Measures

FLASH POINT (METHOD USED): NAP

FLAMMABLE LIMITS:

LEL: See below under "Unusual Fire and Explosion Hazards"

UEL: NAP

EXTINGUISHING MEDIA: Water

AUTOIGNITION TEMPERATURE (F OR C): 400 - 500 F

SPECIAL UNUSUAL FIRE AND EXPLOSION HAZARDS: If deeply stacked in a compost pile under dry conditions, chicken manure may self-ignite and smolder.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and place in suitable container for use, recycle, or disposal.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: No special handling requirements. Store away from open flame.

OTHER PRECAUTIONS: If this product is used in a process which generates dust levels in excess of the OSHA or state standard for dust, a mask (NIOSH/MSHA approved) and goggles should be worn.

8. Exposure Controls and PPE

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: Not applicable for product in purchased form. A NIOSH/MSHA - approved respirator is recommended when the allowable exposure limits may be exceeded.

Protective Gloves: Not required. However, cloth, canvas, or leather gloves are recommended to minimize potential mechanical irritation from handling product.

Eye Protection: Not applicable for product in purchased form. However, safety glasses/goggles are recommended if the product is used in such a way as to generate high dust levels.

Other Protective Clothing or Equipment: Not applicable for product in purchased form.

Work/Hygienic Practices: Follow good hygienic and housekeeping practices. Clean up areas where product settles to avoid excessive accumulation; when dry, material is combustible. Minimize blowdown or other practices which generate high airborne-dust concentrations.

VENTILATION:

Local Exhaust: Provide local exhaust as needed so that exposure limits are met.

Mechanical (general): Provide general ventilation in processing and storage areas as needed so that exposure limits are met.

Special: Self-contained breathing apparatus (SCBA) recommended when fighting fire.

9. Physical and Chemical Properties

BOILING POINT (F OR C):	NAP
VAPOR PRESSURE (MM HG):	NAP
SPECIFIC GRAVITY (H ₂ O = 1):	<1
MELTING POINT (F OR C):	NAP
(BUTYL ACETATE =1):	EVAPORATION RATE
SOLUBILITY IN WATER:	NAP
% VOLATILE BY VOLUME @ 70 F:	NAP
PH:	6.5 - 7.5, USUALLY - 7

10. Stability and Reactivity

STABILITY: This product is considered to be Stable.

Conditions to Avoid: NAP

INCOMPATIBILITY (MATERIALS TO AVOID): None Listed

HAZARDOUS POLYMERIZATION: () May Occur (X) Will not occur

Conditions to Avoid: NAP

11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: Swallowing can result in abdominal discomfort. There is an increased risk of gastro-intestinal infections.

Eye contact: Dust and/or liquid mist (bioaerosols) may irritate the eye resulting in redness and watering, or eye infection.

Skin contact: Contact with skin may cause irritation and, in some people, may lead to skin sensitization, dermatitis or skin infection

Inhalation: Inhalation of dust and/or liquid mists (bioaerosols) may inflame or sensitize the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

Long Term Effects: Repeated inhalation of dust and/or liquid mists (bioaerosols) may result in respiratory irritation, inflammation or sensitization resulting in illnesses ranging from hay fever and asthma to pneumonia (eg. legionnaire's disease) and pneumonia like illnesses. The elderly, those with pre-existing respiratory diseases, and the immunocompromised are at particular risk from these illnesses. All people working regularly with these and other landscaping products should ensure that they are adequately protected against tetanus.

Toxicological Data: No LD50 data available for the product.

12. Ecological Information

Ecotoxicity: Avoid contaminating waterways.

13. Disposal Consideration

WASTE DISPOSAL METHOD: If disposed or discarded in purchased form, incineration and/or dry land disposal is acceptable. It is, however, the user's responsibility to determine at the time of disposal whether your product meets RCRA criteria for hazardous waste. Follow applicable federal, state or local regulations.

14. Transport Information

Road and Rail Transport Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail: NON-DANGEROUS GOODS.

Marine Transport Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea: NON-DANGEROUS GOODS.

Air Transport Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air: NONDANGEROUS GOODS.

15. Regulatory Information

Carcinogenicity Listing: NTP: Not listed

IARC Monographs: Not listed

OSHA Regulated: Not listed

16. Other Information

User's Responsibility The information contained in this Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if this information is suitable for his/her applications and to follow safety precautions as may be necessary. The user has the responsibility to make sure this sheet is the most up to-date issue.

This is version 1.0 of this Material Safety Data Sheet. It was created on April 8, 2020.

Definition of Common Terms: ACGIH = American Conference of Governmental Industrial Hygienists

C = Ceiling Limit

CAS# = Chemical Abstracts System Number

IARC = International Agency for Research on Cancer

MSHA = Mining Safety and Health Administration

NAP = Not Applicable

NAV = Not Available

NIOSH = National Institute for Occupational Safety and Health

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit

STEL = Short term Exposure Limit (15 minutes)

TLV = Threshold Limit Value

TWA = Time-Weighted Average (8 hours)