



## FBSCIENCES INC

### Safety Data Sheet DriveKP

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#### SECTION 1: Identification

##### 1.1 GHS Product identifier

Product name	DriveKP
Product number	FBS 1226
Brand	FBSciences

##### 1.3 Recommended use of the chemical and restrictions on use

Soil and Foliar Fertilizer

##### 1.4 Supplier's details

Name	FBSciences Inc
Address	153 North Main Street Suite 100 Collierville TN 38017 USA

Telephone	901-221-1200
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##### 1.5 Emergency phone number

CHEMTREC 1-800-424-9300

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#### SECTION 2: Hazard identification

##### General hazard statement

none known

##### 2.1 Classification of the substance or mixture

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

- Skin corrosion/irritation (C.4.4), Cat. 2
- Eye damage/irritation (C.4.5), Cat. 2B
- Specific target organ toxicity (single exposure) (C.4.11), Cat. 3
- Corrosive to metals (C.4.29), Cat. 1

##### 2.2 GHS label elements, including precautionary statements

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### Pictogram



### Signal word

### Warning

### Hazard statement(s)

H290	May be corrosive to metals
H315	Causes skin irritation
H320	Causes eye irritation
H335	May cause respiratory irritation

### Precautionary statement(s)

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see First Aid on the SDS or this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep the container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/national regulations.
P234	Keep only in the original container.
P390	Absorb spillage to prevent material damage.
P406	Store in a corrosive resistant container with a resistant inner liner.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Component	Concentration
<b>Potassium phosphate, dibasic (CAS no.: 7758-11-4)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>40 - 60 % (weight)</b>
<b>Sodium Molybdate Dihydrate (CAS no.: 10102-40-6)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>0.1 - 0.2 % (weight)</b>

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Get medical advice/attention if you feel unwell.
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If inhaled	If inhaled, remove it from the area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
In case of skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse. Wash with soap and water.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Rinse mouth. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting, and diarrhea.

#### 4.2 Most important symptoms/effects, acute and delayed

Eye Contact: may cause mild to severe irritation.

Skin Contact: may cause mild to severe irritation.

Skin Absorption: Low acute toxicity.

Inhalation: Mists may irritate the respiratory tract. Mist may cause a burning sensation and shortness of breath.

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No specific antidote. Treatment of overexposure should be directed to the control of symptoms and clinical conditions.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for the surrounding fire.

### 5.2 Specific hazards arising from the chemical

none known

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal. Do not use aluminum equipment for storage or transfer.

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## SECTION 7: Handling and storage

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### 7.1 Precautions for safe handling

Avoid contact with clothing, skin, and eyes. Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Avoid dust formation. Dust is formed. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed in a dry and well-ventilated place. Avoid direct sunlight.

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## SECTION 8: Exposure controls/personal protection

### 8.2 Appropriate engineering controls

Ensure good ventilation of the workstation.

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

#### Eye/face protection

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Respiratory protection

In case of insufficient ventilation, wear A NIOSH-certified respirator with APF>10, in accordance with OSHA respirator regulations found in 29 CFR 1910.134.

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## SECTION 9: Physical and chemical properties and safety characteristics

Physical state	Liquid
Appearance	brown liquid
Color	brown
Odor	No data available.
Odor threshold	No data available.
pH	9.5-10.5
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	~220F
Flash point	No data available.
Evaporation rate	No data available.
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Vapor pressure	No data available.
Relative vapor density	No data available.
Density and/or relative density	1.508-1.528
Solubility	No data available.
Partition coefficient n-octanol/water (log value)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Kinematic viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

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### Particle characteristics

No data is available.

### Supplemental information regarding physical hazard classes

No data is available.

### Further safety characteristics (supplemental)

No data is available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal use conditions.

### 10.4 Conditions to avoid

None under normal use conditions.

### 10.5 Incompatible materials

Aluminum. Strong Acids. Food Sugars. Deadly carbon monoxide gas can form in poorly ventilated areas or when in contact with food, beverage, or dairy products. Do not enter such areas until they have been well ventilated and carbon monoxide and oxygen levels have been determined to be within OSHA acceptable limits.

### 10.6 Hazardous decomposition products

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Water: In the event of fire: see section 5

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Routes of Exposure: eyes, skin, inhalation, ingestion.

#### Skin corrosion/irritation

Irritating to skin.

#### Serious eye damage/irritation

Causes eye irritation.

#### Respiratory or skin sensitization

No data available

#### Germ cell mutagenicity

No data is available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

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### **Carcinogenicity**

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### **Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

### **STOT-single exposure**

No data is available.

### **STOT-repeated exposure**

No data is available.

### **Aspiration hazard**

No data is available.

### **Additional information**

No data is available.

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## **SECTION 12: Ecological information**

### **Toxicity**

Do not release it into the water; may increase algae growth.

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## **SECTION 13: Disposal considerations**

### **Disposal methods**

### **Product disposal**

Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

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## **SECTION 14: Transport information**

### **DOT (US)**

UN Number: 3266

Class: 8

Packing Group: III

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Contains Dipotassium phosphate)

Label Required: CORROSIVE

Note: The listed transportation classification does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors. In the USA, it may be possible to reclassify this material as not regulated via surface transportation because its corrosivity is due solely to its effect on metals (either steel or aluminum). See 49 CFR 173.154(d).

### **IMDG**

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

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### IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

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## SECTION 15: Regulatory information

### 15.1 Safety, health, and environmental regulations specific to the product in question

#### California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

#### Canadian Domestic Substances List (DSL)

Chemical Name: Phosphoric acid, dipotassium salt

CAS: 7758-11-4

Chemical name: Water

CAS: 7732-18-5

#### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

#### New Jersey Right To Know Components

Water

CAS-No. 7732-18-5

#### Pennsylvania Right To Know Components

Water

CAS-No. 7732-18-5

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 311/312 Hazards

No SARA Hazards

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### NFPA Rating

Health hazard 2

Fire hazard 0

Reactivity hazard 0

Special hazard

**SECTION 16: Other information**

**16.1 Further information/disclaimer**

The directions for use of this product are believed to be adequate and must be followed carefully. The use of this product is beyond the control of the manufacturer, and, therefore, to the extent consistent with applicable law, no warranty, representation, or guarantee of any kind, expressed or implied, is made as to the effects of such use or any results obtained if not used in accordance with printed directions and established safe practice or if unusual or extraordinary weather conditions occur. To the extent consistent with applicable law, the buyer's exclusive remedy and manufacturer's or seller's exclusive liability in tort or otherwise shall be limited, at the manufacturer's option, to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed.

The information and recommendations contained herein are based upon data believed to be correct. However, there is no guarantee or warranty of any kind expressed or implied made with respect to the information contained herein.