

SAFETY DATA SHEET

1. Product and Company Identification



Diamond K Gypsum, Inc.

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Product Safety: 1-800-497-7861

Product Identifier: 7-0-26
Recommended Use: Specialty crop nutrient, turf grass fertilizer, general fertilizer uses, and specialty industrial uses.
Recommended Restrictions: None Known.

2. Hazards Identification

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.
OSHA defined hazards Not classified.

Label elements

Hazard symbols None.
Signal word Not available.
Hazard statement Not available.
Precautionary statement
Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.
Hazard(s) not otherwise Classified (HNOC) None known.
Supplemental information None.

3. Composition/Information on Ingredients

Substance	Chemical name	Common name and synonyms	CAS number	%
	Soy Protein Hydrolysate	Nitrogen		48%
	Potassium Sulfate	Potash	7778-80-5	52%

4. First Aid Measures

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. Call a physician if symptoms develop or persist.

Skin contact Brush away excess of dry material. Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Ingestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.
Most important Symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort.
Indication of immediate medical attention and special treatment needed	Symptoms may be delayed.
General information	If you feel unwell, seek medical advice (show the label where possible.) Ensure that medical personnel are aware of the material(s) involved and take precautions to the product themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with the eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing Media	None known.
Specific hazards arising from The chemical	Firefighters should wear a self-contained breathing apparatus.
Special protective equipment And precautions for firefighter's	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Firefighting Equipment/instructions	In the event of fire, cool tanks with water spray.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.
Hazardous combustion Products	May include and are not limited to: Oxides of sulfur.
Explosion data	
Sensitivity to mechanical Impact	Not available.
Sensitivity to static Discharge	Not available.

6. Accidental Release Measures

Personal precautions Protective equipment and Emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill-leak. wear a dust mask if dust is generated above exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of dust from the spilled material. For personal protection, see section 8 of the SDS.
Methods and materials for Containment and cleaning up	Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For waste disposal, see section 13 of the SDS.

Environmental precautions Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

Precautions for safe handling Avoid breathing dust.
Minimize dust generation and accumulation.
Provide appropriate exhaust ventilation at places where dust is formed.
In case of insufficient ventilation, wear suitable respiratory equipment.
Use good industrial hygiene practices in handling this material.
Wash thoroughly after handling.

Conditions for safe storage, including and incompatibilities Guard against dust accumulation of this material.
Store in well-ventilated place.
Store in closed container.
Store away from incompatible materials (see Section 10 of the SDS).
Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits No exposure limits notes for ingredient(s).
Biological limit values No biological exposure limits noted for the ingredient(s).
Exposure guidelines This material does not have established exposure limits.

Appropriate engineering Controls TWA PEL: No specific limits have been established.
TWA TLV: No specific limits have been established.

Individual protection measures, such as personal protective equipment

Eye/face protections Wear safety glasses with side shields.

Skin protection

Hand protection Rubber gloves. Confirm with a reputable supplier first.

Other As required by employer code

Respiratory protection Where exposure guideline levels may be exceeded, use an approved NIOSH respirator or NIOSH-approved filtering facepiece.

Thermal hazards Not Available.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using do not eat or drink

9. Physical and Chemical Properties

Appearance Light yellow powder.
Physical state Solid.
Form Crystals, Granular or Powder.
Color white to yellow.
Odor Characteristic.
Odor threshold Not available.
pH 5-7 in solution.
Melting point/freezing point unknown.
Initial boiling point and boiling Range >100°C (>212°F)
Pour point Not available.
Specific gravity 2.66 @ 21°C (H2O+1)
2.66
Flash point None.
Evaporation rate Not available.
Flammability (solid, gas) Not applicable.

Vapor pressure	<0kPa at 25°C
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Appreciable.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	2.66g/cm3 estimated
Flash point class	Flammable IB

10. Stability and Reactivity

Reactivity	May react with incompatible materials.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Contact with incompatible materials. Do not mix with other chemicals.
Incompatible materials	Magnesium. Aluminum.
Hazardous decomposition products	May include and are not limited to: Oxides of sulfur.

11. Toxicological Information

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Information on likely routes of exposure	
Ingestion	May cause stomach distress, nausea, or vomiting.
Inhalation	Inhalation of dusts may cause respiratory irritation.
Skin contact	May be irritating to the skin.
Eye contact	May be irritating to eyes. Dust in the eyes will cause irritation.
Symptoms related to the Physical, chemical and Toxicological characteristics	Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort

Information on toxicological effects

Acute toxicity Components	Species	Test Results
Potassium sulfate(CAS 7778-80-5)		
Acute		
Dermal		
LC50	Not available	
Inhalation		
LC50	Not available	
Oral		
LD50	Rat	6600mg/kg
Nitrogen		Not to be considered to the Criteria of the OSHA standard

Skin corrosion/irritation	May cause irritation.
Serious eye damage/eye irritation	Dust in the eyes will cause irritation.
Specific target organ toxicity-single exposure	Not available.
Specific target organ toxicity-repeated exposure	Not available.
Aspiration hazard	Not available.
Chronic effects	Non-hazardous by WHMIS/OSHA criteria.

12. Ecological Information

Ecotoxicity	See below		
Product		Species	Test Results
Sulfate of Potash			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promeles)	510-880 mg/l, 96 hours
Components		Species	Test Results
Potassium sulfate (CAS 7778-80-5)			
Algae	IC50	Algae	2900 mg/L, 72 hours
Crustacea	EC50	Daphnia	890 mg/L, 48 hours
Aquatic			
Fish	LC50	Fathead minnow (pimephales promelas)	510-880 mg/l, 96 hours

13. Disposal Considerations

Disposal Instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Waste must be disposed of in accordance with federal, state/provincial, and local environmental control regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues/unused Products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe Manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empties containers may retain product residue, follow label warning even after container is emptied.

14. Transport Information

U.S. Department of Transportation (DOT)	Not regulated as dangerous goods.
Transportation of Dangerous Goods (TDG-Canada)	Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SFS contains all the information required by the Controlled Products Regulations.

WHMIS status Not Controlled.

US federal regulations This product is NOT known to be a "Hazardous Chemical" as defines by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.0

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.)
Not listed.

Clean Air Act (CAA) Section 1129R0 Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories

Immediate Hazard- No
Delayed Hazard- No
Fire Hazard- No
Pressure Hazard- No
Reactivity Hazard- No

Other federal regulations

Safe Drinking Water Act (SDWA) Not regulated

Food and Drug Administration (FDA) N/A

US state regulations This product does not contain a chemical know to the State of California to cause cancer, birth defects or other productive harm.

US-California Proposition 65- Carcinogens & Reproductive Toxicity (CRT): Listen substance.
Not listed.

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		X

