

Safety Data Sheet

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1- -United States

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Dakine 420 PH DOWN 17-42-0
PRODUCT TYPE	Granular Concentrate
CODE	UPC - 728028467123 (1,000g)
GENERAL USE	
AREA OF APPLICATION MATERIAL USES	Professional fertilizers
SUPPLIER DETAILS	
NAME	Dakine 420, LLC.
STREET ADDRESS	494 SW Veterans Way Ste 6
CITY, STATE, POSTAL CODE	Redmond, OR 97756
COUNTRY	United States
PHONE NUMBER	541-420-4645
FAX NUMBER	541-203-4525
E-MAIL	info@dakine420.com
NATIONAL POISON CENTER	
NAME	American Association of Poison Control Centers
TELEPHONE NUMBER	800-222-1222

2. HAZARDS IDENTIFICATION

1. GHS CLASSIFICATION	
PHYSICAL HAZARDS	- N/A
HEALTH HAZARDS	- N/A
ENVIRONMENTAL HAZARDS	- N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	
UREA PHOSPHATE	CAS #4861-19-2

4. FIRST AID MEASURES

EYE CONTACT	- Flush with water holding eyelids open. - Seek medical attention in event of irritations.
SKIN CONTACT	- Remove contaminated clothing. - Wash area thoroughly with soap and water. - Seek medical attention in event of irritations.
INHALATION	- Remove patient to fresh air. - Seek medical attention in event of irritations.
INGESTION	- Rinse mouth with water and give a small glass of water to drink. - Never give anything by mouth to an unconscious person. - If poisoning occurs, contact a doctor or The National Poisons Emergency Line: 1-800-222-1222

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	- Water spray, carbon dioxide, fine earth, dry chemical powder or sand.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	- Carbon monoxide, carbon dioxide, nitrogen oxides (NO ₂ , NO _x), potassium and potassium containing compounds, chlorine and chlorine containing compounds (e.g. HCl gas, phosgene), ammonia, cyanuric acid, cyanic acid and phosphorous and phosphorous containing compounds (e.g. phosphine).
SPECIAL PROTECTION ACTIONS AND EQUIPMENTS FOR FIRE-FIGHTING	- Firefighters should wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES**EMERGENCY PROCEDURES**

- Shovel, sweep or scoop material into suitable container and cover.
- Flush area with water.
- Do not attempt to clean-up spills without appropriate protective equipment/gear.
- Prevent large quantities from contacting vegetation or waterways.
- Keep animals away from large spills.
- Collect all rinse water and apply to appropriate garden areas.

7. HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING**

- Avoid breathing dust and contact with the eyes, skin.
- Wash hands with soap and water after handling.
- Minimize occurrence of dust and accumulation.
- Keep containers closed when not in use.

CONDITIONS FOR SAFE STORAGE

- Keep away from food and animal feedstuffs.
- Keep out of reach of children.
- Store in cool, dry and well-ventilated place.
- Partly used products should be closed well.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE LIMITS**

- The standard for dust not otherwise specified is 10 mg/m₃ (for inspirable dust) and 3 mg/m₃ (for respirable dust).

BIOLOGICAL EXPOSURE LIMITS

- None allocated

ENGINEERING CONTROLS

- Ensure adequate ventilation.

RESPIRATORY PROTECTION

- Respiratory protection should not be required for normal use/handling.
- Avoid breathing dust.
- If airborne dust levels are high, a dust mask is recommended to avoid inhalation.
- The respirator use limitations specified by the manufacturer must be observed and in compliance.

EYE/FACE PROTECTION

- Safety glasses with side shields are recommended.

HAND PROTECTION

- Wear appropriate protective gloves.
- Wash hands thoroughly after handling.

SKIN/BODY PROTECTION

- Minimize skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE :**

White, fine granules

ODOR :

Slight ammonia odor

MELTING POINT:

Not volatile

BOILING POINT:

133-772 °C

SOLUBILITY IN WATER:

Soluble

PH VALUE :

Not volatile

VAPOR PRESSURE:

Not volatile

VAPOR DENSITY:

Not available

(AIR = 1)**BULK DENSITY:**

800g/L

DECOMPOSITION TEMPERATURE:

Not available

FLASHPOINT:

Not flammable

FLAMMABLE LIMITS:

Not flammable

10. STABILITY AND REACTIVITY**CHEMICAL STABILITY**

- This material is stable under recommended storage at normal temperature and pressure.

HAZARDOUS DECOMPOSITION PRODUCTS

- In a fire, thermal decomposition of product may generate oxides of potassium, Sulphur and carbon.

CONDITIONS TO AVOID	- None known.
MATERIALS TO AVOID	- None known.
11. TOXICOLOGICAL INFORMATION	
INHALATION	- This product is formulated as a granule and is unlikely to be inhaled but if granule breakdown leads to dust formation then inhalation of product in dust form may cause irritation.
INGESTION	- Ingestion may cause nausea and vomiting along with mild irritation to the mouth, throat, esophagus and stomach.
SKIN	- May cause skin irritation.
EYE	- May cause eye irritation.
12. ECOLOGICAL INFORMATION	
ECOTOXICITY	- Keep large quantities out of waterways to prevent algal blooms.
PERSISTENCE AND DEGRADABILITY	- Will not bioaccumulate.
ENVIRONMENTAL PROTECTION	- Prevent product and empty packaging from entering drains, sewers, streams, ponds and other waterways.
13. DISPOSAL CONSIDERATIONS	
DISPOSAL METHOD	- Use product as intended. - Dispose of empty packaging at an approved waste disposal site. - Collect rinse water and apply to appropriate lawn/garden areas.
14. TRANSPORT INFORMATION	
TRANSPORT INFORMATION	- Not classified as dangerous goods.
15. REGULATORY INFORMATION	
REGULATORY INFORMATION	- None available
INFORMATION POISONS SCHEDULE	- Not a scheduled poison.
16. OTHER INFORMATION	
Date of preparation	- March 2019