




Safety Data Sheet

SECTION 1: IDENTIFICATION

Name	ProPEAT 7-4-14
Alternate Names	Common Name: Fertilizing compound, dry Chemical Description: Dry fertilizing compound
Recommended Use	Agriculture/Horticulture – Refer to Product label
Company Name	Fertile Peat Products, LLC
Address	250 ProPeat Drive Sugar City, Idaho 83448
Phone Number	DAYS: 208.372.7328
Email	info@propeat.com
Emergency Phone Numbers	EPA National Response Center: (800) 424-8802

SECTION 2: HAZARDS CLASSIFICATIONS

Hazard Classifications	This product is not classified as dangerous according to GHS requirements and OSHA HCS (NPRM) standard (29 CFR 1910.1200)
Signal Word	Warning
Pictogram	
Hazard Statements	May be harmful if swallowed. Causes eye and skin irritation.
Precautionary Statements	<ul style="list-style-type: none"> • Keep out of reach of Children • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product. • Wear protective gloves and eye protection. • Do not breathe dust • Avoid release to the environment. • IF SWALLOWED: Call a Poison Center or doctor if you feel unwell • Rinse mouth. • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. • If eye irritation persists, get medical advice/attention. • IF ON SKIN: Wash with plenty of water. • If skin irritation occurs, get medical advice/attention. • Take off contaminated clothing and wash it before reuse. • Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredients	Percentage (%) by Weight
Sulfate of potash	25-30%
Ammonium sulfate	25-35%
Monoammoniumphosphate	5-15%
Iron Sulfate	10-15%
Calcium Sulfate Dihydrate	<5%

SECTION 4: FIRST AID MEASURES

Inhalation	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.
Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. If skin irritation occurs, get medical advice/attention.
Ingestion	If conscious and alert, drink water or milk to dilute, then induce vomiting. Call a physician or Poison Control Center immediately.
Most important symptoms / effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media	Water fog, foam, dry chemical, carbon dioxide (CO ₂). Do not use water jet as an extinguisher as this will spread the fire.
Special hazards arising from the substance or mixture	Hazardous decomposition: Thermal degradation at high temperatures above 575° C (1067°F) may produce sulfur trioxide.
Advice for fire-fighters	Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff. Unusual Fire and Explosion Hazards: None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Put on appropriate personal protective equipment (see section 8). Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
Environmental precautions	Do not allow spills to enter drains or waterways. Prevent product spillage from entering drinking water supplies or streams.
Methods and material for containment and cleaning up	Collect liquid or absorb onto absorbent material and package for disposal. After removal of spilled product, flush contaminated area thoroughly with water. Do not return spills to original containers for reuse.

SECTION 7: HANDLING AND STORAGE

Precautions for safe Handling	Transfer products using chemical-resistant plastic or stainless-steel tanks, pumps, valves, etc. Wear the appropriate personal protective equipment when handling this product. Avoid contact with eyes, skin and clothing. Avoid inhalation of spray mists. Wash thoroughly with water after handling.
Conditions for safe storage, including any incompatibilities	Handle containers carefully to prevent damage and spillage. Incompatible materials: Contact with brass or strong oxidizing agents. Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40° F. Keep container tightly closed. Do not store in contact with brass. Do not store near food or feeds. Do not stack pallets more than two high. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters (None)	
Exposure controls	
Respiratory	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eyes	Chemical dust goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin	Impervious gloves and clothes.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	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	Dark Brown
Odor	Slight sulfur
Odor threshold	Not available
pH	Not available
Melting point / freezing point	Not available
Initial boiling point and boiling range	Not available
Flash Point	Not available
Evaporation rate (Ether = 1)	Not available
Flammability (solid, gas)	Noncombustible
Upper/lower flammability or explosive limits	
Lower Explosive Limit	Not available
Upper Explosive Limit	Not available
Vapor pressure (Pa)	0.00001 hPa estimated
Vapor Density	Not available
Relative Density	Not available
Specific Gravity	Not available
Solubility in Water	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity (cSt)	Not available
Other information	
Percent volatile	0% estimated
pH in aqueous solution	Not available
Pounds per cubic foot	

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability:	Stable under normal circumstances.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid contact with incompatible materials.
Incompatible materials:	Contact with brass or strong oxidizing agents.
Hazardous decomposition products:	Thermal degradation at high temperatures above 575° C (1067° F) may produce sulfur trioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

ProPEAT 7-4-14 (CAS Mixture)

Acute Toxicity/Irritation Studies	Acute Oral LD ₅₀ (rat): >5000 mg/kg Acute Dermal LD ₅₀ (rat): >5000 mg/kg Acute Inhalation LC ₅₀ (rat): >0.5 mg/l (4 HR)
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Eye irritation	Causes mild eye irritation.
Respiratory sensitization	Not available
Skin Sensitization	This product is not expected to cause skin sensitization.
Sub chronic Effects	None known.
Chronic Effects	Prolonged inhalation may be harmful.
Germ Cell Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive Toxicity	This product is not expected to cause reproductive or developmental effects.
STOT-single exposure	Not classified.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard	Not available.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Ecotoxicity for ProPEAT 7-4-14

96 hr LC50 fish, mg/l	Not available
48 hr EC50 crustacea, mg/l	Not available
ErC50 algae, mg/l	Not available
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	Not available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects are expected from this compound.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Observe all federal, state and local regulations when disposing of this substance.

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION	Not regulated in domestic (USA ground) transportation.
U.S. Surface Freight Classification	FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI; DRY (NMFC 68140, SUB 5; CLASS 50)

SECTION 15: REGULATORY INFORMATION

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA inventory.
CERCLA Hazardous Substance List	None
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances	Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories	Immediate Hazard – Yes Delayed Hazard – Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard – No
SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	No
SARA 313 (TRI reporting)	
Other federal regulations	
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	None
US State Right-To-Know	None
US. California Proposition 65	NOTICE! This product can expose you to Silica, crystalline, (airborne particles of respirable size) which is known to the State of California to cause cancer.

SECTION 16: OTHER INFORMATION

SDS Issue Date: June 25, 2018

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.

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

SECTION 16: OTHER INFORMATION (CONTINUED)

While the information contained herein is based on data considered accurate and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act, it is provided for guidance only. Fertile Peat Products, LLC does not guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations; in so doing, user assumes all risk in use of the material. The information contained herein is not to be taken as a warranty or representation for which Fertile Peat Products, LLC assumes legal responsibility.

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