

MATERIAL SAFETY DATA SHEET

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory requirements.

1. Company and Product Identification

Product:	WiseEarth 10:2:2 Organic Fertilizer for Turf	Emergency Telephone Number: (972) 265-8202 Poison Control Center: 1-800-222-1222 INFOTRAC: 1-800-535-5053
Manufacturer:	WiseEarth Inc. 2805 N. Dallas Pkwy, Suite 450 Plano, TX 75093	

2. Composition / Information on Ingredients

N-P-K (Nitrogen-Phosphorus-Potassium)
Blend of mined minerals and organic fertilizers from natural sources
No hazardous ingredients exceed 1% of total mixture.
Typical Composition:
10% - Total Nitrogen
2% - Total Phosphorus as P₂O₅
2% - Total Potassium as K₂O
Balance, inert ingredients, and trace impurities
(Note: For specific ingredients see product label)
TLV= 10/mg3 nuisance dust

3. Hazards Identification

Emergency overview

CAUTION Contact may cause eye and skin irritation.

Routes of exposure, Potential short term health effects

Eyes: May cause irritation.
Skin: May cause irritation.
Inhalation: Dusts of this product may cause irritation of the nose, throat, and respiratory tract.
Ingestion: May cause stomach distress, nausea or vomiting.

Chronic effects

Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

Conditions Aggravated By Exposure

None known. Pre-existing respiratory condition may be aggravated by exposure to dusts.

4. First Aid Measures

Eye contact Flush with cool water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flashpoint:	Not applicable
Flammable Limits:	Not applicable
Fire and Explosion Hazards:	Not a fire or explosion hazard.
Flammability Class:	Not Flammable – Class 0
Extinguishing Media:	Not considered combustible, but in case of fire, use water spray (fog) foam, dry chemical, or CO ₂ .
Fire Fighting Instructions:	Wear full protective clothing and self contained breathing apparatus.
Flammable properties:	Not flammable by WHMIS/OSHA criteria.
Hazardous combustion products:	Urea may decompose in a fire situation and release cyanuric acid, ammonia, hydrogen cyanide, oxides of nitrogen, and irritating particles. Sulfur-containing components may release oxides of sulfur.
Sensitivity to mechanical impact:	Not sensitive
Explosion data:	Not explosive
Sensitivity to static discharge:	Not available

6. Spill/Leak Procedures

Methods for containment:	Prevent entry into waterways, sewers, basements or confined areas.
Methods for 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. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

Follow handling directions on product label. Store in a cool, dry place, away from sources of high heat. Protect bags or other containers from damage. Keep bags or other container closed when not in use.

Handling Use good industrial hygiene practices in handling this material.

8. Exposure Control/Personal Protection

Ventilation:	Local exhaust ventilation is not required.
Respiratory Protection:	Use NIOSH approved particulate respirator if respirable dust generation occurs or is anticipated during product use.
Eye Protection:	Avoid eye contact with fertilizers. Use Protective goggles as required by conditions of product use.
Gloves:	Wear Nitrile, Neoprene, or natural rubber gloves.

Other Protective equipment:.....Long sleeve shirts, long pants, shoes, and socks.

9. Physical Properties

Appearance: Brown granules
Odor: Organic / fertilizer, slight sulfur or pungent odor.
Chemical Type: Mixture
Physical State: Solid
Density: 0.443 g/ml (27.7 lb/cu.ft.)

10. Stability and Reactivity

Chemical Stability:.....Stable **Hazardous Polymerization:**Will not occur

11. Toxicological Information

Rat Acute Oral: Not Determined
Acute effects from Overexposure: Prolonged contact with the skin may cause irritation, and contact with the eyes may cause eye irritation. Inhalation of the vapor may cause irritation of nasal passages and/or dizziness. Ingestion of this product could result in irritation of the gastrointestinal tract, headache or nausea.
Chronic Effects from Overexposure: No data are available.
Carcinogenicity: **NTP:**..... No **OSHA:**No

12. Environmental Information

While specific data regarding toxicity to fish or other aquatic organisms is not available for this product, care should always be taken to prevent fertilizers from entering aquifers.

13. Disposal

Do not reuse empty container. Triple rinse empty container and recycle.

14. Transportation Information

Ground: Not regulated as dangerous goods
Air or International: Not regulated as dangerous goods

15. Regulatory Information

NFPA Ratings: Health - 1 Fire - 0 Reactivity - 0 Special - none

SARA Title III: This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.