



HAWAII

MATERIAL SAFETY DATA SHEET

Trade Name: Gaviota 14-14-14 Controlled Release Fertilizer
Registration No.: None
REVISED 06/01/10

Stock No.: 077-4290A 14 oz.
077-4302A 5#

Section 1 Chemical Product and Company Information

Manufacturer or Formulator: The Scotts Company
Product Name: Gaviota 14-14-14
Common Name: Controlled Release Fertilizer
Repackager: BEI Hawaii
Emergency Phone - Chemtrec: 1-800-424-9300

Section 2 Composition Information

Table with 4 columns: Chemical Name and Synonyms, C.A.S. No., OSHA PEL, ACGIH TLV. Lists Ammonium Nitrate, Potassium Sulfate, Ammonium Phosphates, Calcium Phosphates, Calcium Fluoride.

- Each prill consists of the ingredients listed above coated with a resin made from a vegetable oil (linseed oil or soybean oil) reacted with a cyclic diene.
All exposure limits are for airborne 8-hour time-weighted averages and apply only to occupational exposures.
The ACGIH Threshold Limit Values for nuisance (inert) dusts containing <1% crystalline silica and no asbestos are: 10 mg/m3 total, 5 mg/m3 respirable.

Section 3 Hazards Identification

Summary of Risks: Ammonium nitrate is an allergen. Prolonged or repeated direct contact with fertilizer may irritate eyes and skin. Inhalation of dust may irritate nose, throat and lungs.
Medical conditions which may be aggravated by contact: Ammonium nitrate allergies. Skin abrasions and sores.

Target Organs: Skin, eyes, respiratory tract and gastrointestinal tract.
Primary Entry Route(s): Ingestion, inhalation.
Chronic Effect(s): Not known.

Section 4 First Aid Measures

Ingestion: Never give anything by mouth to an unconscious or convulsing person.
Inhalation: Remove to fresh air. Treat symptomatically.
Eyes: If in eyes, flush with water for 15 minutes holding eyelids open.
Skin: Wash with plenty of soap and water.

Section 5 Fire Fighting Measures

In Case of Fire: Evacuate area. Flood with water to cool containers. Wear self-contained breathing apparatus to fight large fires.

Section 6 Accidental Release Measures

Steps to be taken in case material is released or spilled: Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect and reuse as recommended for product.

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Section 7	Handling and Storage
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Precautions to be taken in handling and storing:

Store in cool, dry area away from incompatible materials and heat sources. Store away from feed and foodstuffs, as well as household cleaning products. Wash hands with soap and water after handling product. Keep out of the reach of children.

Section 8	Exposure Controls/Personal Protection
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Warning Properties of Uncoated Fertilizer: Irritation of eyes, nose or mouth.

Goggles: None required for routine use as fertilizer. High airborne dust levels or mists of product dissolved in liquid may be irritating; use chemical goggles.

Gloves: None required for normal use. If prolonged or repeated use irritates skin, use neoprene or PVC gloves.

Respirator: If airborne dust levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection (e.g. NIOSH/MSHA-approved respirator for dusts, mists, and fumes) to reduce exposures to acceptable levels.

Workplace Considerations:

Ventilation: Ventilation and personal protection are recommended whenever dust levels are high or product does not remain intact.

Safety Stations: Running water should be available in case material gets in eyes.

Other: Ingredients with occupational exposure limits comprise a small percentage of the total product. For this reason, it is not expected that these limits will be exceeded unless the nuisance dust standards are exceeded.

Section 9	Physical and Chemical Properties
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Boiling Point:	Decomposes on heating	Solubility in Water:	80-85%
Melting Point:	Decomposes on heating	Vapor Pressure, mm Hg:	Not known
Flash Point (Method):	Decomposes on heating	Evaporation Rate:	Not applicable
Specific Gravity (H₂O = 1):	1.2	Autoignition Temp.:	Not applicable
Flammable Limits (% in Air):	Not applicable.	Color:	Mixed light/dark tan
Extinguishing Media:	Water.	Odor:	None

Section 10	Stability and Reactivity
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Stability (Normal Conditions):	Stable
Conditions to Avoid:	Extremely high temperatures.
Incompatibility (Material to Avoid):	Strong oxidizing agents. Prolong contact may cause oxidation of unprotected metals.
Hazardous Decomposition Products:	Ammonia and oxides of nitrogen, phosphorus, potassium and sulfur.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Extreme heat. Contact with fuels and other organic or combustible materials. Active metals such as aluminum and magnesium. Strong reducing agents.
Chemical Incompatibilities:	Strong reducing agents. Active metals such as aluminum and magnesium.
Unusual Fire, Explosion and Reactivity Hazards:	Decomposes on heating to emit toxic ammonia and oxides of nitrogen, phosphorus, potassium, fluorine and sulfur. High airborne dust concentrations have the potential for explosion.

Section 11	Disposal Considerations
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Waste Management/Disposal:

Apply as fertilizer to field. If product is contaminated, dispose of in an approved landfill disposal facility, in accordance with applicable federal, state and local regulations.

Section 12	Regulatory Information
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DOT Classification: Not DOT regulated.

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