

Material Safety Data Sheet

Substance Identification

Identity: OmniGen-AF Green Formula
Trade Names: Item Number: 17-2881

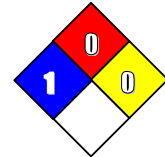
CAS #: NA

Manufacturer: Prince Agri Products, Inc.
229 Radio Road
Quincy, IL 62305
(217) 222-8854

HMIS

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0

NFPA



Emergency: Chemtrec
800-424-9300

4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

Components and Contaminants

<u>Chemical Name:</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Percent</u>
Silica, Amorphous (respirable fraction)	7631-86-9	(80 mg/m ³)/(%SiO ₂) ---	10 mg/m ³ (TWA) 3 mg/m ³ (TWA)	Trade Secret
Aluminum Oxide (total) (respirable fraction)	1344-28-1	15 mg/m ³ 5 mg/m ³	10 mg/m ³ (TWA) ---	Trade Secret
Iron Oxide	1309-37-1	10 mg/m ³	5 mg/m ³ (TWA)	Trade Secret
Magnesium Oxide	1309-48-4	---	---	Trade Secret
Silica, Crystalline Quartz (respirable)	14808-60-7	(10 mg/m ³)/(%SiO ₂ +2)	0.05 mg/m ³ (TWA)	Trade Secret

Physical Data

Boiling Point:	NA	Specific Gravity (H₂O=1):	2.0 – 2.5
Vapor Pressure (mm/Hg):	NA	Melting Point:	NA
Vapor Density (Air=1):	NA	Evaporation Rate (Butyl Acetate=1):	NA
Solubility in Water:	< 1% Soluble		
Appearance and Odor:	Off-white powder, no odor		

Fire and Explosion Hazard Data

Flash Point:	Not combustible		
Flammable Limits:	LEL NA	UEL	NA
Extinguishing Media:	Foam, CO ₂ , dry chemical or water.		
Special Fire Fighting Procedures:	None known.		
Unusual Fire and Explosion Hazards:	Not combustible.		

Reactivity Data

Stability:	Stable under ordinary conditions of use and storage.
Conditions to Avoid:	None known.
Incompatibility (materials to avoid):	Hydrofluoric Acid
Hazardous Decomposition or Byproducts:	None known.
Hazardous Polymerization:	Will not occur.

Health Hazard Data

Route of Entry:	INHALATION: May cause irritation of mucous membrane if dust is inhaled over a prolonged period of time. Prolonged exposure to <u>crystalline silica</u> dust may result in silicosis, a fibrotic lung disease. SKIN: No. INGESTION: Ingestion of large amounts may cause abdominal pain and nausea.
Health Hazards (Acute and Chronic):	Can cause irritation to the eye or skin by direct mechanical action.
Carcinogenicity:	NTP: Yes (Silica) IARC Monographs: Yes (Silica)
Signs and Symptoms of Exposure:	Excessive inhalation of dust may cause coughing, sneezing and nasal irritation. Symptoms of silicosis include impaired pulmonary function and wheezing.
Aggravation of Pre-existing Conditions:	May aggravate pre-existing diseases of the upper respiratory tract and lung such as bronchitis, emphysema and asthma.
Emergency and First Aid Procedures:	IF INHALED, remove to fresh air and seek medical attention for any breathing difficulty. IN CASE OF SKIN CONTACT, wash with soap and water. Seek medical attention if irritation persists. IN CASE OF EYE CONTACT, flush eyes immediately with water for at least 15 minutes. Seek medical attention if irritation persists. IF INGESTED, no special precautions.

Precautions for Safe Handling and Use

Material Release or Spill Precautions:	Recover uncontaminated material for use. Vacuum or sweep remaining material, keeping dust to a minimum.
Waste Disposal Method:	Dispose of unreclaimable material in a RCRA-approved waste facility.
Handling and Storing Precautions:	Protect containers from moisture and keep closed when not in use.
Other Precautions:	Observe good personal hygiene. Wash after handling.

Control Measures

Respiratory Protection:	Use NIOSH approved particulate respirator if dust generation occurs or is anticipated. OSHA standard 1910.134 or ANSI Z88.2-1980 specifications are recommended.
Ventilation:	A system of local and/or general exhaust is recommended to keep employee exposures below the airborne exposure limits. Local exhaust is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.
Protective Gloves:	Yes
Eye Protection:	Safety goggles are recommended.
Other Protective Clothing or Equipment:	Use other protective equipment when necessary in order to avoid prolonged exposure to skin.
Work and Hygienic Practices:	Observe good personal hygiene. Wash after handling.

SARA Title III Section 313 Supplier Notification

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.45.

This information must be included in all MSDS's that are copied and distributed for this material.
