

Material Safety Data Sheet

Effective Date: 28-JUL-2004

Product: ProMate Atrazine 1.05% with Fertilizer

I. IDENTIFICATION

Chemical Name: Turf Fertilizer with Atrazine
Chemical Family: Herbicide Impregnated Fertilizer
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: 72155-15-5905

II. PHYSICAL DATA

Boiling Point: Not applicable
Freezing Point: Not applicable
Spec Gravity: Not determined
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility: Partially soluble
Volatiles: Not determined
Evaporation: Not applicable
Melting Point: Not applicable
Appearance: Multi-colored granules with slight ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Atrazine	1912-24-9	1.05	5.00 mg/m3	Skin & eye irritant.
Ingredients inert as pesticide, including formulated mixture of Fertilizer (N-P-K).		98.95	N/E	Skin & eye irritant.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible
Autoignition Temp: Not applicable
Flammable Limit: Not determined
Extinguishing Media: Material is not combustible. Use extinguishing media suitable for underlying cause of fire.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing. Prevent runoff of fire fighting waters contaminated with this

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material.

Fire and Expl Hazard: Decomposition products may be toxic.

V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Ingestion may result in abdominal pain, nausea and diarrhea. Ingestion of significant amounts of atrazine can be fatal.

Skin Absorption: Skin irritation may result from repeated or prolonged exposure.

Inhalation: Sufficient exposure to dust may be irritating to the nose, throat and respiratory tract. May cause sore throat, coughing and shortness of breath.

Skin contact: Skin irritation may result from repeated or prolonged exposure.

Eye Contact: Product may be irritating to the eyes, causing redness and watering. Prolonged eye exposure may cause conjunctivitis and corneal damage.

Chronic Effects: Skin sensitization may occur with repeated or prolonged exposure.

Other Hazard: Pre-existing respiratory, skin or eye conditions may be aggravated by exposure.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Call a poison control center or doctor immediately. Sip a glass of water. Do not induce vomiting unless directed to do so by a physician or poison control center. Seek medical treatment.

Skin: Wash affected area with plenty of soap and water. If irritation persists, consult a physician.

Inhalation: Move to fresh air. If not breathing, administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water for at least 15 minutes, holding eyelids open. Seek medical treatment.

Notes to Physician: There is no specific antidote for this material if ingested. Treat patient symptomatically.

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VI. REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid excessive heat (temperatures exceeding 200 Degrees F.).

Polymerization: Will Not Occur

Conditions to Avoid: None currently known.

Incompatibility material: Avoid oxidizers, acids, caustics and hypochlorites.

Hazardous Combustion: NOx, COx, NH3, cyanuric acid, HCl, HCN, POx, SOx, H2S, acetonitrile.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Collect spilled product and reuse, if uncontaminated. If contaminated, place in appropriate chemical waste container for proper disposal.

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use NIOSH-approved organic vapor respiratory with particulate filter, if needed.

Ventilation: Local exhaust normally sufficient.

Gloves: Impervious

Eyes: Safety glasses or chemical goggles.

Other: Eyewash station, emergency shower, long-sleeved shirt and pants, shoes plus socks.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds with this material.

Other precaution: None needed at this time.
