

Material Safety Data Sheet

Effective Date: 19-MAR-2001

Product: PRO-MATE TURF FERTILIZER WITH TEAM PRO 0.86%

I. IDENTIFICATION

Chemical Name: Team Pro herbicide with Fertilizer
Chemical Family: Benefin and Trifluralin with Granular
Fertilizer
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: 62719-289-5905

II. PHYSICAL DATA

Boiling Point: Not applicable
Freezing Point: Not applicable
Spec Gravity: Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility: Team Pro - not soluble
Volatiles: Not determined
Evaporation: Not applicable
Melting Point: Not determined
Appearance: Yellow-orange granules with fertilizer granules

III. INGREDIENTS

Material	CAS Number	Percent TLV	Hazard
Formulated blend of N-P-K and Inert Ingredients		99.14	Mild skin irritant
Team Pro* Technical		0.86	Eye & skin irritant

* Benefin - 48%, Trifluralin - 48%, Inerts 4%

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Not applicable
Autoignition Temp: Not applicable
Flammable Limit: Not applicable
Extinguishing Media: Carbon dioxide or dry chemical
Special Fire Fight Proc: Wear full-protective fire fighting clothing and use positive-pressure, self-contained breathing apparatus.
Fire and Expl Hazard: Heating benefin to temperatures above 194 degrees F. can lead to violent reaction with

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pressure buildup. If fertilizer blended with Team Pro is involved in fire, noxious toxic fumes may also be formed.

V. HEALTH HAZARD

Carcinogen Information: Not available

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Single dose oral toxicity of Team Pro is low; oral LD50 >2000 mg/kg.
Skin Absorption: Skin absorption LD50 (rabbits) is expected to be > 5000 mg/kg.
Inhalation: Dust may cause irritation to nose and throat. Inhalation LC60 (rats) expected to be > 2 mg/L for 4 hours.
Skin contact: May cause allergic reaction in susceptible individuals; prolonged exposure may cause skin irritation.
Eye Contact: May cause moderate irritation with corneal injury.
Chronic Effects: Prolonged exposure may cause skin irritation.
Other Hazard: Team Pro herbicide is toxic to aquatic organisms (contains trifluralin).

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
Skin: Wash exposed areas with soap and water. If irritation develops, contact a physician.
Inhalation: Remove to fresh air if irritation occurs. Consult a physician if irritation persists.
Eyes: Immediately flush eyes with water for 15 minutes, holding eyelids open. Consult a physician.
Notes to Physician: No specific antidote. Treatment should be directed toward control of the symptoms and the clinical condition of the patient. Provide supportive care.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: Avoid elevated temperatures (benefin); heating

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to temperatures above 194 degrees F. can lead to
a violent reaction with rapid pressure buildup.
Polymerization: Will Not Occur
Conditions to Avoid: None known.
Incompatibility material: None known.
Hazardous Combustion: Combustion may produce toxic fumes, such as
oxides of nitrogen, carbon monoxide, and
unidentified organic compounds.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain and sweep up material from small spills
and dispose of as waste. Prevent runoff from
spilled material since Team Pro contains
trifluralin, which is highly toxic to aquatic
organisms.
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: NIOSH-approved respirator, in dusty
atmospheres.
Ventilation: Good general ventilation should be sufficient.
Gloves: Impervious
Eyes: Chemical workers' goggles
Other: Long sleeve shirt and long pants, shoes plus
socks, eyewash station and emergency shower.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of the reach of children. Do not
store with food, feed or other material to be
used or consumed by humans or animals.
Contains trifluralin, which is highly toxic to
aquatic organisms. Do not contaminate water
supplies, lakes, streams or ponds. Harmful if
swallowed, inhaled or absorbed through the
skin, Causes eye irritation and may cause
allergic reaction in susceptible individuals.
Users should wash hands before eating,
drinking, chewing gum, using tobacco or using
the toilet.
Other precaution: Store Team Pro Technical in original container
prior to blending. Avoid elevated temperatures

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Product: PRO-MATE TURF FERTILIZER WITH TEAM PRO 0.86%

when handling Team Pro Technical for custom
blending. Heating to temperatures greater than
194 degrees F. can result in violent reaction
with rapid pressure buildup.

X. SHIPPING INFORMATION

Shipping name: Not Regulated by DOT in containers less than
2,400 pounds

Hazard Class: None

Identification No: None

Labels Required: Not Required

Placarding: Not Required

Freight Class: Compound, Fertilizer (Manufactured Fertilizer),
Solid, NOIBN

Chemical Name

Equivalent R.Q.

Trifluralin

10 LBS.

TRANSPORTATION NOTE: If packaged in any
container greater than 2400 pounds, use
Shipping Description below.

RQ, Environmentally Hazardous Substance,
Solid, (Trifluralin), 9, UN 3077, PG III
"ERG # 171"

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:

(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2

Fire: 1

Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of pressure: N

Fire: N

Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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