

Material Safety Data Sheet
J. R. Simplot Company
AgriBusiness

M74024A

Trade Name: Best Turf Supreme 16-6-8 plus Team Pro
Registration No: 62719-289-7001

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer or Formulator: J.R. Simplot Company
P.O. Box 912
Pocatello, ID 83204

Product Name: Best Turf Supreme 16-6-8 plus Team Pro
Common Name: Chemical Fertilizer + Herbicide, 16-6-8
Chemical Type: Salt + Herbicide

Emergency Phone - Chemtrec: 1-800-424-9300

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous	TLV	PEL
Team Pro			0.9		
Benefin; N-butyl-N-ethyl -a,a,a-trifluoro-2,6-dinitro-p-toluidine	1861-40-1	C ₁₃ H ₁₆ F ₃ N ₃ O ₄		Not applicable	Not available
Trifluralin; a,a,a trifluoro- 2,6 dinitro-n,n dipropyl-p toluidine	1582-09-8				Not available
Non-hazardous fertilizer ingredients including:			Non-Hazardous Balance	Not applicable	Not available
Iron Oxide	1332-37-2	FeO			10 mg/m3
Ammonium Phosphate	7722-76-1	(NH ₄) ₂ HPO ₄			
Ammonium Sulfate	7783-20-2	(NH ₄) ₂ SO ₄			
Muriate of Potash	7447-40-7	KCl			

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Small amounts that might be swallowed incidental to normal handling operations are not likely to cause injury; swallowing larger amounts may cause injury.

Inhalation: Coarse granular particles make inadvertent inhalation unlikely.

Eye Contact: None

Skin Absorption: None

Skin Contact: May cause allergic skin reaction in susceptible patients.

Effects of Overdose: None listed.

SECTION 4

FIRST AID MEASURES

Ingestion: Contact a physician or Poison Control Center immediately. If swallowed, induce vomiting by tickling the back of the throat with a finger or a blunt object. If necessary, give syrup of ipecac. Make certain vomit is not inhaled. After vomiting occurs give 6 to 8 heaping teaspoons of activated charcoal in a few ounces of water. Seek medical attention.

Inhalation: If discomfort occurs, move to fresh air. If breathing difficulty occurs, start mouth-to-mouth artificial respiration and contact a physician.

Eyes: Immediately flush with large amounts of water. Seek medical attention if condition persists.

Skin: Wash exposed areas with soap and water. Wash all contaminated clothes before reuse. Contact a physician if aggravation develops.

Note to Physician: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Use water, CO₂, or dry chemicals to extinguish.

Special Fire Fighting Procedures: May emit hazardous fumes when heated to decomposition. Wear full protective clothing and use self-contained breathing apparatus. Nonessential personnel should be restricted from area of intense smoke. Do not allow water run-off from fire site to enter nearby streams, ponds, or lakes. Keep containers cooled with water spray.

Unusual Fire and Explosion Hazards: The non-hazardous fertilizer acts as a fire retardant, thus greatly reducing any fire hazard. At extremely high temperatures, fertilizer may decompose to form gases of NH₃, SO_x, NO_x, and PO_x.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Environmental Precautions: This product is toxic to fish. Do not contaminate any body of water by direct application, cleaning of equipment or disposal.

Steps to be taken in case material is released or spilled:
Small spills should be cleaned up with a broom and shovel. Don't let spilled material contact waterways.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Keep out of reach of children. Harmful if swallowed or absorbed through skin. Avoid breathing dust and contact with skin, eyes or clothing. In case of contact, flush with water. Do not contaminate food stuffs or feeds.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.
Respiratory Protection: In case of prolonged contact in enclosed spaces, wear NIOSH (1) approved respirator for organic solvent vapors.
Protective Clothing: Use protective clothing such as coveralls, a long sleeved shirt, and protective rubber gloves when handling to avoid contact with skin.
Eye Protection: Use goggles to protect eyes from splashing when handling product.
Other: Eyewash fountain and safety shower.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble
Density:	64-68 lbs/ft ³	% Volatiles (by volume):	Not applicable
Flashpoint:	Not applicable	Vapor Pressure, mm Hg:	Not applicable
pH:	Not listed	Reaction with Water:	None
Appearance:	Gray pellets.		
Extinguishing Media:	Water, CO ₂ , dry chemical.		

SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable
Conditions to Avoid: Store above 40°F. Do not store near heat or flame.
Incompatibility (Material to Avoid): Strong oxidizers and strong bases.
Hazardous Decomposition Products: May emit hazardous fumes when heated to decomposition.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid high temperature.

SECTION 11 TOXICOLOGY INFORMATION

Ingestion: Acute Oral Toxicity (rat) LD₅₀: greater than 10,000 mg/kg.

SECTION 12 ECOLOGICAL INFORMATION

None listed.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Pick up with shovel and broom. Use as with any fertilizer by applying to soil using good agricultural and soil management.

SECTION 14 TRANSPORT INFORMATION

Shipping name:	Not regulated by D.O.T.	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	D.O.T. Number:	None listed
Reportable Quantity (RQ):	Not applicable	Haz Waste No:	None listed
Labels Required:	None	EPA Regist No:	62719-289-7001
Placard:	None		

SECTION 15 REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

This product contains Benfluralin, CAS No. 1861-40-1. This chemical is subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 16 OTHER INFORMATION

Flash Point (Test Method):	76°F TCC	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

Hazard Rating (N.F.P.A.): **Health:** 2 **Fire:** 1 **Reactivity:** 0 **Specific:** Not applicable
This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association (N.F.P.A.).

MSDS Version Number: 4 (revisions to Section 15)

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