

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**FORMULATED FOR:**

Target Specialty Products  
15415 Marquardt Ave.  
Santa Fe Springs, CA 90670  
800-352-3870



**PRODUCT NAME:** Turf Fuel Premium Granular 10-16-20

**PRODUCT USE:** Fertilizer

**Date of Issue:** 02/20/20

## 2. HAZARDS IDENTIFICATION SUMMARY

HAZARD SYMBOLS / STATEMENTS:



**WARNING**      **MAY BE HARMFUL IF SWALLOWED**  
**MAY CAUSE MILD SKIN IRRITATION**  
**MAY CAUSE EYE IRRITATION**  
**MAY CAUSE RESPIRATORY IRRITATION**

HAZARD CLASSIFICATIONS:

*ACUTE TOXICITY*  
*SKIN IRRITATION*  
*EYE IRRITATION*  
*TARGET ORGAN SYSTEMIC TOXICITY*

CATEGORY

5  
3  
2B  
3

INTERPRETATION

Low  
Mild Skin Irritation Possible  
Eye Irritation Possible  
Transient Respiratory Irritation Possible

PRECAUTIONARY STATEMENTS:

- CALL A POISON CENTER / PHYSICIAN IF UNWELL
- IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE
- IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES – REMOVE CONTACT LENSES
- IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE
- WASH HANDS AFTER HANDLING
- USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS
- AVOID BREATHING DUST
- IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
- STORE CONTAINER TIGHTLY CLOSED
- DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY:</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Potassium sulfate	Sulfate of potash	7778-80-5	20-30
Monoammonium phosphate		7722-76-1	20-30
Urea		57-13-6	1-10
Methylene Ureas		Mixture	1-10
Micronutrient Mix		Mixture	<1
Plant Extracts		Mixture	<1
Nutrifense Fertilizer Blend		Mixture	<1

## 4. FIRST AID MEASURES

**IF INHALED:** Move victim to fresh air. Seek medical attention if irritation persists

IF ON SKIN: Wash affected areas with soap and water. Seek medical attention if irritation persists, wash contaminated clothing before re-use.

IF IN THE EYES: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

IF SWALLOWED: If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.

SPECIAL TREATMENT: None Known

HEALTH HAZARDS: See Section 11

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use media suitable for surrounding fire. No special media required.

SPECIFIC FIRE HAZARDS: Decomposition products may be toxic.

SPECIAL FIREFIGHTING PROCEDURES: Wear full protective clothing and positive-pressure self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

SPILL / RELEASE PROCEDURES: Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.

ENVIRONMENTAL PRECAUTIONS: Prevent spilled material from entering store drains or water bodies.

PROTECTIVE EQUIPMENT: See Section 8

## 7. HANDLING AND STORAGE

Store in a cool, dry, well ventilated area. Do not store above 120°F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

<b>HAZARDOUS COMPONENT</b>	<b>OSHA PEL</b>	<b>ACGI TL</b>
Potassium sulfate	15 mg/ m <sup>3</sup> (total) 5 mg/ m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/ m <sup>3</sup> (respirable)
Monoammonium phosphate	15 mg/ m <sup>3</sup> (total) 5 mg/ m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/ m <sup>3</sup> (respirable)
Urea	15 mg/ m <sup>3</sup> (total) 5 mg/ m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/ m <sup>3</sup> (respirable)
Methylene Urea	15 mg/ m <sup>3</sup> (total) 5 mg/ m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/ m <sup>3</sup> (respirable)
Micronutrient mix	15 mg/ m <sup>3</sup> (total) 5 mg/ m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/ m <sup>3</sup> (respirable)
Plant Extracts and Inerts	15 mg/ m <sup>3</sup> (total) 5 mg/ m <sup>3</sup> (respirable)	10 mg/m <sup>3</sup> (inhalable) 3 mg/ m <sup>3</sup> (respirable)

Nutrifense Fertilizer blend

15 mg/ m<sup>3</sup> (total)  
5 mg/ m<sup>3</sup> (respirable)

10 mg/m<sup>3</sup> (inhalable)  
3 mg/ m<sup>3</sup> (respirable)

**PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:**

RESPIRATORY PROTECTION: NIOSH approved particulate respirator, if required  
EYE PROTECTION: Safety glasses with side shields, goggles or face shield recommended  
SKIN PROTECTION: Long sleeves, protective gloves recommended  
VENTILATION: Local exhaust ventilation recommended

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: Multi-colored granules, with slight odor  
pH: Not available  
MELTING POINT: Not available  
BOILING POINT: Not available  
FLASH POINT: Not available  
EVAPORATION RATE: Not available  
FLAMMABLE LIMITS: Not available  
VAPOR PRESSURE: Not available  
VAPOR DENSITY: Not available  
SPECIFIC GRAVITY: Not available  
SOLUBILITY (IN WATER): Partially soluble  
PARTITION COEFFECIENT: Not applicable  
AUTOIGNITION TEMP: Not available  
DECOMPOSITION TEMP: Not available

**10. STABILITY AND REACTIVITY**

STABILITY: Product is stable.  
CONDITIONS TO AVOID: Excessive heat (over 200°F)  
INCOMPATIBILITY: Strong oxidizers, acids  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>, NH<sub>3</sub>, SO<sub>x</sub>, NO<sub>x</sub>, metal oxides

**11. TOXICOLOGICAL INFORMATION**

HEALTH EFFECTS: May be irritating to the nose, throat, and respiratory tract, and may cause sore throat, coughing, and shortness of breath. Skin irritation may result. May also be irritating to the eyes, causing redness and watering. Ingestion may result in sore throat, abdominal pain, nausea, and diarrhea.  
CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

**INGREDIENT TOXICITY RANGES:**

ORAL: 1,480 mg/kg (Iron sulfate) – 6,600 mg/kg (potassium sulfate)  
DERMAL: > 2,000 mg/kg (ammonium sulfate)  
INHALATION: None listed

**12. ECOLOGICAL INFORMATION**

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

### 14. TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

### 15. REGULATORY INFORMATION

SARA SECTION 311 / 312 HAZARD CATEGORY: IMMEDIATE HAZARD

### 16. OTHER

NFPA RATINGS: HEALTH 1  
FLAMMABILITY 0  
INSTABILITY 0

HMIS RATINGS: HEALTH 1  
FLAMMABILITY 0  
PHYSICAL HAZARD 0

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