

# Richlawn Turf Food, LLC.

## MATERIAL SAFETY DATA SHEET

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** Richlawn Pro-Rich 14-5-5  
**MSDS NUMBER:** 1006  
**GENERIC NAME:** Organic Based Turf Food  
**DATE ISSUED:** April 22, 1991  
**MANUFACTURER:** Richlawn Turf Food, LLC.  
**EMERGENCY PHONE:** 800-864-4392  
**ADDRESS:** 15121 Weld County Road #32  
**MANUFACTURER PHONE:** 303-659-6003  
Platteville, CO 80651  
**MANUFACTURER FAX:** 303-659-2463

### SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	%	TLV	PEL
DPW (Dried Poultry Waste)	N/A	Variable	N/A	N/A
Inorganic sulphates	N/A	15	N/A	N/A
Urea	57-13-6	12	N/A	N/A
Muriate of Potash	584-08-7	7	N/A	N/A

Key: N/A = not applicable; N/D = not determined; TLV = ACGIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit.

### SECTION III - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Can burn in a fire, but not ordinarily an emergency problem. Not a fire hazard in open areas, however, during a fire, irritating and toxic fumes may be generated by thermal decomposition or combustion.

**HMIS RATING:** Health: 0 Fire: 1 Reactivity: 0 Other: 0

#### POTENTIAL HEALTH EFFECTS:

**ROUTES OF ENTRY:** Inhalation, skin contact, eye contact, ingestion

**INHALATION:** Overexposure to dust may cause transitory upper respiratory irritation. Vapors are unlikely due to physical properties.

**SKIN CONTACT:** Essentially nonirritating to skin. Mechanical injury only.

**EYE CONTACT:** Solids or dusts may cause irritation or corneal injury due to mechanical action.

**INGESTION:** Toxicity has not been determined, however it is believed to be low.

**SECTION III - HAZARDS IDENTIFICATION**

**OTHER:** None

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** May cause upper respiratory irritation, and may aggravate preexisting respiratory conditions.

**CARCINOGENICITY:** Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

**SECTION IV - FIRST AID MEASURES**

**INHALATION:** Move to an area free from risk of further exposure. Symptomatic treatment if required. No adverse effects anticipated by this route of exposure incidental to proper handling.

**EYE CONTACT:** Flush with clean, lukewarm water at low pressure. Seek medical attention if no relief.

**SKIN CONTACT:** Wash affected areas with soap and water.

**INGESTION:** No adverse effects anticipated by this route of exposure. However, ingestion of large quantities may be irritation to the GI tract, requiring symptomatic treatment.

**SECTION V - FIREFIGHTING MEASURES**

**NFPA RATING:** Health: 0 Fire: 0 Reactivity: 0 Other: 0

**FLASHPOINT AND METHOD:** N/D

**EXTINGUISHING METHOD:** Water fog, foam, CO<sub>2</sub>, dry chemicals.

**FIRE OR EXPLOSION HAZARDS:** This material may burn, but will not readily ignite.

**SPECIAL FIREFIGHTING PROCEDURES:** Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Using a clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

**SECTION VII - HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** Not normally affected by extremes of temperature..

**SHELF LIFE:** Indefinite.

**SPECIAL SENSITIVITY:** None.

**HANDLING AND STORAGE PRECAUTIONS:** Avoid eye contact and avoid breathing dusts if generated. Good housekeeping is recommended to prevent the accumulation of dust.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Use safety glasses if there is potential for exposure to particles which could cause mechanical injury to the eyes.

**SKIN PROTECTION:** None needed under normal conditions of usage.

**RESPIRATORY PROTECTION:** None needed under normal conditions of usage. However, in dusty atmospheres, use a respirator approved for dust.

**ENGINEERING CONTROLS:** Product is normally used out of doors; however, if indoor use is required, good general ventilation should be sufficient for most conditions.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Granules

**COLOR:** Gray

**ODOR:** Negligible

**BOILING POINT:** N/A

**SPECIFIC GRAVITY:** N/D

**MELT POINT:** N/A

**BULK DENSITY:** N/D

**FREEZE POINT:** N/D

**pH:** N/D

**SOLUBILITY IN WATER:** 10-20%

**VAPOR PRESSURE:** N/A

**% VOLATILE BY WEIGHT (VOC):** Nil

**VAPOR DENSITY:** N/A

**SECTION X - REACTIVITY**

**STABILITY:** This is stable material.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITIES:** None in designed use.

**DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>, NO<sub>x</sub>, irritating hydrocarbon particulate.

**SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION**

The nitrogen content of the stormwater run-off of excessively applied fertilizer may result in ecological damage to lakes and streams by stimulating algae and other aquatic growth.

**SECTION XII - DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This material is a commercial fertilizer and may be disposed of by applying to soil in accordance with manufacturer's recommendations.

**SECTION XIII - TRANSPORTATION INFORMATION**

**DOT SHIPPING NAME:** Not Regulated

**DOT LABEL:** None

**TECHNICAL SHIPPING NAME:** None

**DOT PLACARD:** None

**DOT HAZARD CLASS:** None

**UN/NA NUMBER:** None

**SECTION XIV - REGULATORY INFORMATION**

**OSHA STATUS:** This product is not hazardous under OSHA criteria .

**TSCA STATUS:** All Applicable chemicals are registered under TSCA.

**CERCLA REPORTABLE QUANTITY:** Not regulated under CERCLA.

**CALIFORNIA PROPOSITION 65:** Not regulated under California Proposition 65.

**SARA TITLE III:** Not regulated under SARA Title III.

**SECTION 302 EXTREMELY HAZARDOUS:** N/A

**SECTION 311/312 HAZARD CATEGORIES:** N/A

**SECTION 313 TOXIC CHEMICALS:** N/A

**RCRA STATUS:** Not regulated under RCRA

**SECTION XV - APPROVALS**

**REASON FOR ISSUE:** New MSDS

**APPROVAL DATE:** April 22, 1991

**PREPARED BY:** CCG, Inc.

**SUPERSEDES DATE:** N/A

**SECTION XVI - DISCLAIMER**

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