

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, CO₂, 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, CO₂, NO_x, 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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