

MATERIAL SAFETY DATA SHEET
Richlawn™ Pro-Rich™ 14-2-5 with 4 S & 2 Fe

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Richlawn Pro-Rich 14-2-5 with 4S & 2 Fe **MSDS NUMBER:** 9999
GENERIC NAME: Organic Based Turf Food **DATE ISSUED:** 02/13/2009
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
DPW (Dried Poultry Waste)	NA	54.0	ND
Urea	57-13-6	13.4	ND
Sulfur Coated Urea	57-13-6	10.0	ND
	7704-34-9		
Ammonium sulfate	7783-20-2	8.5	15 mg/m ³
Ferrous sulfate	7782-63-0	6.6	15 mg/m ³
Muriate of potash	7747-15-7	6.5	15 mg/m ³
Mono ammonium sulfate	7747-16-7	1.0	15 mg/m ³

Key: NA = not applicable; ND = not determined; TLV = ACGIH, 8 hr. time weighted average (TWA);

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: 1 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 non-irritating to skin, possible 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

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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: 1 Fire: 1 Reactivity: 0 Other: 0

FLASHPOINT AND METHOD: ND

EXTINGUISHING METHOD: Water fog, foam, carbon dioxide and 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.

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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: NA

SPECIFIC GRAVITY: ND

MELT POINT: NA

BULK DENSITY: ND

FREEZE POINT: ND

pH: ND

SOLUBILITY IN WATER: 10-20%

VAPOR PRESSURE: NA

% VOLATILE BY WEIGHT (VOC): Nil

VAPOR DENSITY: NA

SECTION X - REACTIVITY

STABILITY: This is stable material.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: None in designed use.

DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur and phosphorus; irritating hydrocarbon particulate.

SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

The nitrogen content of the storm-water 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 the OSHA criteria.

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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: NA

SECTION 311/312 HAZARD CATEGORIES: NA

SECTION 313 TOXIC CHEMICALS: NA

RCRA STATUS: Not regulated under RCRA

REPORTABLE QUANTITY: Ferrous Sulfate 1000 lbs in one package

SECTION XV - APPROVALS

REASON FOR ISSUE: New MSDS

APPROVAL DATE: February 13, 2009

PREPARED BY: Dennis Belau.

SUPERSEDES DATE: NA

REVIEWED BY: Bob Atkin

SECTION XVI - DISCLAIMER

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