

Richlawn Turf Food, LLC.

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Naturec® Cycle Lawn Fertilizer 8-2-1

MSDS NUMBER: 1004

GENERIC NAME: Organic Fertilizer

DATE ISSUED: April 22, 1991

MANUFACTURER: Richlawn Turf Food, LLC.

EMERGENCY PHONE: 800-864-4392

ADDRESS: 15121 Weld County Road #32
Platteville, CO 80651

MANUFACTURER PHONE: 303-659-6003

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
Blood Meal	N/A	Variable	N/A	N/A
Feather Meal	N/A	Variable	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 decompositions 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 warm 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

FREEZE POINT: N/D

FREEZE POINT: N/D

BULK DENSITY: N/D

SOLUBILITY IN WATER: 5%

pH: N/D

% 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, PO_x, NO_x, NH₃, 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: Registration under TSCA is not Required.

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: None

SECTION XVI - DISCLAIMER

AS OF THE DATE OF THIS DOCUMENT, THE FOREGOING INFORMATION IS BELIEVED TO BE ACCURATE AND IS PROVIDED IN GOOD FAITH TO COMPLY WITH APPLICABLE FEDERAL AND STATE LAWS. HOWEVER, NO WARRANTY OR REPRESENTATION OF LAW OR FACT, WITH RESPECT TO SUCH INFORMATION, IS INTENDED OR GIVEN.