

# Richlawn Turf Food, LLC.

## MATERIAL SAFETY DATA SHEET

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** Richlawn Winterizer, 12-4-8  
**GENERIC NAME:** Organic Based Fertilizer  
**MANUFACTURER:** Richlawn Turf Food, LLC.  
**ADDRESS:** 15121 County Road #32  
Platteville, CO 80651

**MSDS NUMBER:** 1025  
**DATE ISSUED:** May 30, 2000  
**EMERGENCY PHONE:** 800-864-4392  
**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	10 mg/m <sup>3</sup> (PNOC)	15 mg/m <sup>3</sup> (PNOR)
Urea	57-13-6	~20	N/A	N/A
Muriate of Potash	584.08-7	~10	N/A	N/A
Ammonium Sulfate	7783-20-2	~5	N/A	N/A
Mon-Ammonium Phosphate	7783-28-0	<5	N/A	N/A
Ferrous Sulfate	7720-78-7	>1	N/A	N/A

Key: TLV = ACGIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit.

PNOC=Particulates Not Otherwise Classified (ACGIH-Inhalable)

PNOR=Particulates Not Otherwise Regulated (OSHA-Total dust)

### SECTION III - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Can burn in a fire, but not normally an emergency problem. Not a fire hazard in open areas. Product is of low toxicity to health or environment.

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

#### POTENTIAL HEALTH EFFECTS:

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

**INHALATION:** Dust may be irritating to mucous membranes and respiratory tract. Excessive exposures to dust may cause sore throat, coughing, difficult breathing and severe lung congestion.

**SKIN CONTACT:** May cause skin irritation with reddening to very sensitive skin.

**EYE CONTACT:** May cause redness and irritation to the eye.

**INGESTION:** May cause gastric irritation, nausea, and abdominal spasms.

**SECTION III - HAZARDS IDENTIFICATION**

**OTHER:** None

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Liver or kidney dysfunction (urea). May aggravate pre-existing respiratory conditions (dust).

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

**SECTION IV - FIRST AID MEASURES**

**INHALATION:** Move to fresh air which is free from risk of further exposure. Treat symptomatically if required.

**EYE CONTACT:** Flush with clean, lukewarm water at low pressure. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash affected areas with soap and warm water. Seek medical attention if irritation persists.

**INGESTION:** Encourage the drinking of large quantities of milk or water. Induce vomiting. Get medical attention if irritation persists.

**SECTION V - FIREFIGHTING MEASURES**

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

**FLASHPOINT AND METHOD:** N/A

**EXTINGUISHING METHOD:** In a major conflagration, use water mist, foam, CO<sub>2</sub>, or dry chemical to keep material from decomposing.

**FIRE OR EXPLOSION HAZARDS:** Dust may accelerate burning when involved in a fire.

**SPECIAL FIREFIGHTING PROCEDURES:** Due to the presence of PO<sub>x</sub> NO<sub>x</sub> and NH<sub>3</sub> fumes, 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:** Recover and reuse unless grossly contaminated.

**SECTION VII - HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** Avoid storing in areas of excessive temperature.

**SHELF LIFE:** Indefinite.

**SPECIAL SENSITIVITY:** None.

**HANDLING AND STORAGE PRECAUTIONS:** Store in well ventilated building. Avoid skin and eye contact and avoid breathing dust 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:** Wear gloves and long sleeves when handling this product.

**RESPIRATORY PROTECTION:** Treat as a nuisance dust. For exposures over 15 mg/M<sup>3</sup>, total dust (OSHA PEL), use a respirator approved for dust such as 3M model 8511 N-95 or equivalent.

**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

**ODOR:** Negligible

**COLOR:** Gray

**SPECIFIC GRAVITY:** N/D

**MELT POINT:** N/A

**BULK DENSITY:** N/D

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

**pH:** N/D

**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>, PO<sub>x</sub>, NO<sub>x</sub>, NH<sub>3</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 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 domestically

**DOT LABEL:** None

**TECHNICAL SHIPPING NAME:** None

**DOT PLACARD:** None

**DOT HAZARD CLASS:** IMO-ORM

**UN/NA NUMBER:** UN-2071

**SECTION XIV - REGULATORY INFORMATION**

**OSHA STATUS:** This product is regulated as a nuisance dust under OSHA criteria.

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

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

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

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

**SECTION 311/312 HAZARD CATEGORIES:** Chemicals contained in this product are reportable under SARA Title III. Check with your county emergency planning committee for applicable reportable quantities.

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

**RCRA STATUS:** Not regulated under RCRA

### SECTION XV - APPROVALS

**REASON FOR ISSUE:** New MSDS

**APPROVAL DATE:** May 30, 2000

**PREPARED BY:** CCG, Inc.

**SUPERSEDES DATE:** None

### SECTION XVI - DISCLAIMER

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