

MATERIAL SAFETY DATA SHEET

Richlawn™ Iron Rich

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Richlawn™ Iron Rich 3-2-1 10% Fe, 5% Sulfur **MSDS NUMBER:** 1024
GENERIC NAME: Organic-based Fertilizer **DATE ISSUED:** April 29, 2010
MANUFACTURER: Richlawn™ Turf Food, LLC. **MANUFACTURER PHONE:** 303-659-6003
ADDRESS: 15121 Weld County Road #32 **MANUFACTURER FAX:** 303-659-2463
Platteville, CO 80651 **MEDICAL EMERGENCY PHONE:** 800-222-1222

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	THRESHOLD LIMIT VALUE
DPW (Dried Poultry Waste)	N/A	
Ferrous Sulfate	7782-63-0	
Chelated Iron	7439-89-6	

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance & Odor: Gray, and tan granules with very little odor.

Warning Statements: KEEP OUT OF REACH OF CHILDREN AND PETS . Harmful if swallowed, do not inhale, may cause mild skin irritation. Get medical attention if ingested.

POTENTIAL ADVERSE EFFECTS:

- Routs of exposure: Inhalation, skin contact
- Eye Contact: May cause eye irritation. Avoid contact with eyes.
- Skin Contact: May cause skin irritation. Avoid contact with skin.
- Ingestion: Nausea and vomiting could be expected upon large dose ingestion. Get medical attention.
- Inhalation: Irritating to mucous membranes and respiratory tract. May cause sore throat, coughing, difficult breathing and severe lung congestion.

OSHA TWA PEL: This product is regulated as a nuisance dust under OSHA criteria.

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: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention

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

INGESTION: Don't induce vomiting. Seek medical attention.

SECTION V - FIREFIGHTING MEASURES

NFPA RATING: Health: 0 Fire: 1 Reactivity: 0 Other: 0

FLASHPOINT AND METHOD: N/A

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. Prevent entry into sewer or waterways.

SECTION VII - HANDLING AND STORAGE

STORAGE: Store in a cool dry place away from children, pets, feed and food products, and seed. Avoid humid or wet conditions as product will cake and become hard. Do not contaminate water supplies by handling and storage of product.

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

MATERIAL SAFETY DATA SHEET

Richlawn™ Iron Rich

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Safety glasses or goggles are recommended.

SKIN CONTACT: Avoid skin contact, wear normal work gloves.

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

VENTILATION: Provide adequate ventilation.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Granules

COLOR: Gray and tan granules

ODOR: Slight odor

MELT POINT: NA

BULK DENSITY: ND

FREEZE POINT: NA

SOLUBILITY IN WATER: Appreciable

VAPOR PRESSURE: NA

% VOLATILE BY WEIGHT (VOC): Nil

VAPOR DENSITY: NA

SECTION X - REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Corrodes metals when wet

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur, iron, phosphorus, and irritating hydrocarbon particulate

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

Routes of entry: Primary routes of entry are inhalation, eye contact and skin contact

Eye Irritation: May cause mild to moderate irritation

Skin Irritation: May cause slight irritation

Inhalation: May cause mild respiratory tract irritation

Ingestion: May cause stomach distress, nausea or vomiting

Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH

Ecological: Prevent entry into sewers or waterways

SECTION XII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Review federal, state and local government requirements prior to disposal.

SECTION XIII - TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not Regulated

DOT LABEL: None

DOT HAZARD CLASS: Fertilizers, dry, NOI

UN/NA NUMBER: None

SECTION XIV - REGULATORY INFORMATION

SARA Hazard Notification/Reporting

Immediate: Yes

Fire: No

Sudden Release of Pressure: No

Delayed: No

Reactive: No

SARA Title 313, Toxic chemicals:

None

Section 302-304 (30 CFR 350):

None

Extremely hazardous substance (EHS):

None

RCRA Hazardous waste:

None

Prop 65:

Not listed