



Material Safety Data Sheet

10-2-4 All Natural Organic™

SECTION 1

COMPANY IDENTIFICATION

Manufactured for Turfgrass Management, Inc. D.B.A.,
Grigg Brothers, PO BOX 128, Albion, Idaho, 83311
08:00–17:00 MST, Mon-Fri: **1.800.246.8873**
EMERGENCY NUMBER: After hours, holiday's, and all other non business hours call:
Poison Control 800.222.1222, Chemtrec 800.424.9300

PRODUCT IDENTIFICATION

GRIGG BROTHERS ID: # **1240**
COMMON NAME: 10-2-4 All Natural Organic™
CHEMICAL DESCRIPTION: Organic Fertilizer.
CHEMICAL ACTIVITY: N 10%, P 4%, K 8%, Ca 8%, S 8%, Fe 3%, Mn 0.2%, Zn 0.2%

SECTION 2
COMPOSITION:
This is a homogeneous granular product containing:
INGREDIENTS / CAS NUMBER:
Sulfate of Potash #7778-80-5
Blood Meal -- Unk
Bone Meal -- Unk
Feather Meal -- Unk

SECTION 3
HAZARDS IDENTIFICATION:
Ingestion: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.
Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.
Eye Contact: Dust from this product may cause particulate discomfort to eyes.
Skin Absorption: Not normally absorbed through the skin.
Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

SECTION 4
FIRST AID MEASURES:
Ingestion: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.
Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.
Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.
Skin: Wash with soap and water. Seek medical attention if condition persists.
Notes to Physician: Consult standard literature. Treatment based on the sound judgment of the physician and the individual reactions of the patient.

SECTION 5
FIRE FIGHTING MEASURES:
Extinguishing Media: Use media suitable to extinguish source of fire.

Special Fire Fighting Procedures: Product is not combustible.
Unusual Fire and Explosion Hazards: No unusual hazards

SECTION 6
ACCIDENTAL RELEASE MEASURES:
Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.
Steps to be taken in case material is released or spilled: Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

SECTION 7
HANDLING AND STORAGE:
Precautions to be taken in handling and storage: Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

SECTION 8
EXPOSURE CONTROLS / PERSONAL PROTECTION:
Ventilation Protection: Adequate ventilation.
Respiratory Protection: Approved dust respirator when necessary.
Protective Clothing: Normal clean work clothing.
Eye Protection: In dusty conditions, safety glasses with side shields or goggles may be necessary.

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES:
Boiling Point: Not applicable
Solubility in Water: Slowly soluble in soil and water.
% Volatiles (by volume): Not applicable.
Flashpoint: 400°F
Vapor Pressure, mm Hg: Not applicable.
pH: Not listed.
Reaction with water: None
Appearance: Solid, brown granules.
Odor: Light, earthy odor.
Extinguishing Media: Water, foam or CO₂.

SECTION 10
STABILITY AND REACTIVITY:
Stability (Normal Conditions): Stable.
Conditions to Avoid: Extremely high temperatures.
Incompatibility (Material to Avoid): None known.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Not applicable.

SECTION 11
TOXICOLOGY INFORMATION:
Ingestion: Acute Oral Toxicity LD₅₀: Not Established.

SECTION 12
ECOLOGICAL INFORMATION:
None listed.

SECTION 13
DISPOSAL CONSIDERATIONS:
Dispose of in accordance with local, state and federal regulations.

SECTION 14
TRANSPORT INFORMATION:1
Shipping name: Not regulated by D.O.T.
Hazard Class: None
C.A.S. Number: See Section 2 of this document
Reportable Quantity (RQ): None
D.O.T. Number: None
Labels Required: None
Haz Waste No: None
Placard: None
EPA Regist No: None

SECTION 15
REGULATORY INFORMATION:
Carcinogenicity:
By IARC?: **No**
By NTP?: **No**
This product contains Manganese and Zinc, which are subject to reporting requirements of Section 313 of Title III of the Superfund and Reauthorization Act of 1986 and 40 Part 372.

ALL INFORMATION, RECOMMENDATIONS AND SUGGESTIONS APPEARING HEREIN CONCERNING OUR PRODUCTS ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE. HOWEVER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY FOR HIS OWN USE OF THE PRODUCT DESCRIBED HEREIN. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, WE MAKE NO GUARANTEE, EXPRESSED OR IMPLIED, AS TO THE EFFECTS OF SUCH USE, THE RESULTS TO BE OBTAINED, OR THE SAFETY AND TOXICITY OF THE PRODUCT; NOR DO WE ASSUME ANY LIABILITY ARISING OUT OF USE BY OTHERS, OF THE PRODUCT REFERRED TO HEREIN. THE INFORMATION HEREIN IS NOT TO BE CONSTRUED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR OR EXCEPTIONAL CONDITIONS OR CIRCUMSTANCES EXIST OR BECAUSE OF APPLICABLE LAWS OR GOVERNMENT REGULATIONS.