



FERTILIZER APPLICATION NOTICE



Dear Parent, Guardian or Staff Member,

Wednesday, April 26 - Friday, April 28, 2017, weather permitting, New Lenox Park District has scheduled the following turf applications on the New Lenox School District athletic fields.

Martino Jr High track infield, Nelson and Spencer Campus athletic fields will receive an application of turf food.

Caroline Bentley/Arnold J. Tyler outfields and immediate surrounding areas will receive an application of crab grass preventer & weed/feed.

Typically, these applications will not present a health concern to students and staff, and it is an important part of maintaining our athletic fields. However, it is the intent of New Lenox School District 122 to allow those with special sensitivities to take appropriate precautions, as determined by their parent or guardian.

Copies of the Material Safety Data Sheets are available in the School Offices.

If you have any questions, please contact George Travnicek, New Lenox Park District 815-485-3584.



MATERIAL SAFETY DATA SHEET

Howard Johnson's

Howard Johnson's Weed & Feed with Trimec®

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Section 1: Product Identification

Product Name: Howard Johnson's Weed & Feed with Trimec®
Howard Johnson's Weed & Feed for Northern Turf

EPA Reg. Number: 2217-581-32802, 2217-660-32802, 2217-643-32802

Chemical Name: Granular fertilizer impregnated with Trimec® broadleaf herbicide

Shipping Information: Not regulated by U.S. DOT for all modes of transportation within the U.S. (package size 60 pounds or less).

Trimec® is a registered trademark of the PBI Gordon Corporation.

Section 2: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Registry Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>SARA 313 Reportable</u>
2,4-dichlorophenoxyacetic acid	94-75-7	10 mg/m ³	10 mg/m ³	Yes
2-(2-methyl-4-chlorophenoxy) propionic acid	93-65-2	None	None	Yes
Dicamba: 3,6-dichloro-o-anisic acid	1918-00-9	None	None	Yes
Fertilizer ingredients as listed on "Derived From" section of the guaranteed analysis on product label (varies by fertilizer grade). Non-hazardous.	Varies	None	None	No
Crystalline Silica (quartz)*	14808-60-7	0.1 mg/m ³	0.1 mg/m ³	No

*May be present as a naturally occurring mineral in the fertilizer ingredients used in this formulation. The respirable portion of crystalline silica in this product is very small, and excessive inhalation is unlikely under normal conditions of use.

Section 3: Physical and Chemical Properties

Physical Form:	Granular Solid	Bulk Density:	Not established
pH:	Not applicable	Refractive Index:	Not applicable
Boiling Point:	Not applicable	Freezing Point:	Not applicable
Solubility in Water:	Partial	Viscosity:	Free-flowing granules
Vapor Pressure:	Not established	Vapor Density:	Not established
Percent Volatile:	Not established	Evaporation Rate:	Not established
Appearance and Odor:	Multi-colored granules with a characteristic odor of phenoxy herbicide.		

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Section 4: Fire and Explosion Hazard Data

Flash Point (°F):	Not Flammable	Flash Point Method:	Not applicable
Auto Ignition Temp. (°F):	Not applicable	Burning Rate:	Not applicable
Explosive Limits:	Upper Limit (UEL): Not applicable	Lower Limit (LEL):	Not applicable
Extinguishing Media:	Water, carbon dioxide, dry chemical or foam.		
Special Firefighting Procedures:	Fire fighters should wear full protective gear and self-contained breathing apparatus. Contain runoff to prevent pollution. Fumes and smoke from fire may be hazardous.		
Unusual Fire or Explosion Hazards:	None.		

Section 5: Health Hazard Data

Primary Routes of Entry: Inhalation, ingestion, skin or eye contact.

Signs and Symptoms of Over-Exposure:

Eye Contact:	Acute: Irritation, possible corneal injury.	Chronic: None reported.
Skin Contact:	Acute: May cause mechanical irritation. May be absorbed through the skin.	Chronic: May cause dermal sensitization in susceptible individuals.
Inhalation:	Acute: Excessive inhalation of fertilizer dust may irritate nose, throat and upper respiratory tract.	Chronic: Excessive inhalation of crystalline silica (quartz) may cause lung injury.
Ingestion:	Acute: May cause gastrointestinal irritation. Symptoms of over exposure include myotonia (muscle spasms), general weakness, lethargy, nausea, vomiting, cramps, and diarrhea.	Chronic: May cause liver, kidney, gastrointestinal and muscular effects, and peripheral nerve effects.

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Emergency First Aid Procedures:

- Eye Contact:** Hold eyelids open and flush with lots of water for 15 minutes. If irritation persists after flushing, get medical attention.
- Skin Contact:** Remove contaminated clothing and wash skin with soap and water. If irritation develops after washing, get medical attention.
- Inhalation:** Remove person to fresh air. If breathing stops, give artificial respiration and get medical attention.
- Ingestion:** Call a physician or poison control center. Give person 1-2 glasses of water to drink, and induce vomiting by touching back of throat with finger. If Syrup of Ipecac is available, give 1 tablespoon (15 ml) followed by 1-2 glasses of water. If vomiting does not occur within 20 minutes, repeat dosage once. Never induce vomiting or give anything by mouth to an unconscious or convulsing person.
- Medical conditions aggravated by exposure:** Existing skin irritation or lesions, asthma or pulmonary disease.
- Target Organs:** Eyes, skin, kidney, liver, gastrointestinal system, muscle system, nervous system.
- Carcinogens:** IARC has listed chlorophenoxy herbicides (such as those contained in this product) as class 2B (limited evidence of carcinogenicity in humans). Crystalline silica (quartz) component is classified as a carcinogen by NTP and IARC.

Section 6: Reactivity Data

- Stability:** Stable
- Chemical incompatibilities:** Strong oxidizers
- Conditions to avoid:** None – product is stable
- Hazardous Decomposition Products:** Thermal decomposition (burning) may produce CO, CO₂, NO_x, HCl.
- Hazardous Polymerization:** Will not occur

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Section 7: Accidental Release Procedures

Large Spill or Leak Procedures:	Isolate and contain spill. Remove unauthorized persons from spill area. Do not walk through spilled materials. Wear suitable protective gear. Carefully sweep or scoop spilled material and place in a closed, labeled container for use or disposal. Scrub contaminated surfaces with detergent and water, and collect wash water solution for proper disposal according to label directions. Do not allow spilled material to enter streams, sewers or other waters.
Small Spill or Leak Procedures:	Wear protective clothing as recommended on label. Sweep up spilled material for use according to label directions.
Waste Disposal Methods:	Consult state or local environmental agency for disposal of waste generated by a spill. Wastes from the use of this product according to label directions may be disposed as specified on product label.

Section 8: Exposure Controls and Personal Protection

Engineering Controls – Ventilation:	This product is designed for outdoor use only, and ventilation is not normally required. Local exhaust may be necessary when handling this product in an enclosed area.
Administrative Controls:	Follow all precautions and directions for use on product label.
Protective Clothing and Equipment:	Wash thoroughly after handling and before eating, drinking, smoking or using the toilet.
Respiratory Protection:	For normal handling and use, a respirator is not required. For excessively dusty conditions, use a dust mask approved by MSHA/NIOSH. See OSHA regulations in 29 CFR § 1910.134 before using any respirator or dust mask.
Eye Protection:	Good safety practices suggest the use of goggles to prevent contact with eyes.
Hand Protection:	Good safety practices suggest the use of chemical-resistant (natural rubber) gloves, to prevent skin contact.
Skin Protection:	Wear long-sleeved shirt and long trousers to reduce skin contact.
Contaminated Equipment:	Laundry contaminated clothing separately from street clothes. Clean contaminated boots/shoes and other equipment with detergent and water immediately after use.
Safety Stations:	Clean water should be available to flush eyes and/or skin in case of accidental contact.

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Section 9: Handling and Storage Precautions

Handling Precautions: Wear appropriate protective gear when handling open containers. Do not take internally. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage Requirements: Store in a locked, dry area, away from feed or food, and out of reach of children, pets and domestic animals. Keep containers tightly closed when not in use. Store in original container only. Do not remove or destroy product label. Dispose of empty containers as specified on product label.

Revision Date: May 2013

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Material Safety Data Sheet

Trade Name: Blended Fertilizer Products
EPA Reg. No.: None



Manufacturer or Formulator: Knox Fertilizer Co., Inc.
P.O. Box 248
Knox, IN 46534

Product Name: Blended Fertilizer Products
Common Name: Various Names & Analyses
Chemical Type: Inorganic Chemical Fertilizer



Chemical Name/Synonyms	C.A.S. No.	% WT	TLV	PEL
This is a granular blended product that contains one or more of the products listed below:				
		100%	10 mg/m ³	15 mg/m ³ (Nuisance Dust)
Ammonium Sulfate	7783-20-2			
Urea or Coated Urea	67-13-6			
Monoammonium Phosphate	7722-76-1			
Diammonium Phosphate	7783-28-0			
Potassium Chloride	7447-40-7			
Potassium Sulfate	7778-80-5			
Potassium Nitrate	7757-79-1			
Micronutrients	Various			



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: Dusts from this product may cause particulate discomfort to eyes.

Skin Absorption: Not normally absorbed through the skin.

Skin Contact: Slight dermal abrasion is possible with prolonged contact, especially around cuffs and collars.

Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.



Ingestion: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if condition persists.

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.

Extinguishing Media: Use media suitable to extinguish source of fire.

Special Fire Fighting Procedures: Product is not combustible.

Unusual Fire and Explosion Hazards: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH_3 , SO_2 , PO_2 , or CN

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.

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.

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.

Boiling Point: N/A

Density: N/A

Flashpoint: Non-Flammable

pH: N/A

Appearance: Various colored granules; slight odor

Extinguishing Media: Use media suitable to extinguish source of fire.

Solubility in Water: Soluble

% Volatiles (by volume): N/A

Vapor Pressure, mm Hg: N/A

Reaction with Water: N/A

Stability (Normal Conditions): Stable

Conditions to Avoid: Extremely high temperatures

Incompatibility (Materials to Avoid): Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.

Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH_3 , SO_2 , PO_2 , or CN

Hazardous Polymerization: Will not occur.

Conditions to Avoid:

SEE: TFI Product Testing Results for component toxicity data.

None Listed

Waste Disposal Procedures: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural and soil management practices.

SECTION 14 TRANSPORTATION INFORMATION

Shipping Name: Not regulated by DOT
Hazard Class: None
Reportable Quantity (RQ): None
Labels Required: None
Placard: None

C.A.S. Number: See Ingredients Section
D.O.T. Number: None
Haz Waste No.: None
EPA Reg. No.: None

SECTION 15 REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the 302 list of SARA reportable quantities.

SECTION 16 OTHER INFORMATION

Flash Point: Non-flammable

Flammable Limits: LOWER UPPER
 N/A N/A

Autoignition Temperature: Not Applicable

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. **NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED.** It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

Reviewed by: Regulatory Affairs Department
574.772.6275

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