



Product Information Sheet

YARA NORTH AMERICA, INC.

NOTE: THIS IS NOT A MATERIAL SAFETY DATA SHEET SINCE NONE IS REQUIRED FOR THIS PRODUCT. IT IS PROVIDED FOR EMPLOYEE INFORMATION ONLY.

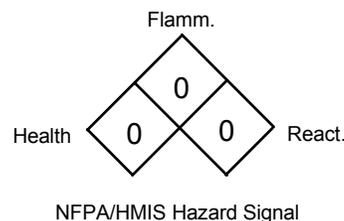
I. PRODUCT IDENTIFICATION

Trade Name (as Labeled): Viking Ship® Turf Royale® 21-7-14

Manufacturer's Name: Yara International ASA c/o Yara North America, Inc.

Complete Mailing Address: 100 North Tampa Street, Suite 3200
Tampa, Florida 33602

Phone Number for Additional Information: 813-222-5700
or Chemtrec 24-hour Emergency Response: 1-800-424-9300



Date Prepared or Revised: 09/29/03

Name of Preparer: Bob Millaway

II. NON-HAZARDOUS INGREDIENTS

<u>Chemical Names</u>	<u>CAS Numbers</u>	<u>Percent</u>	<u>Exposure Limits in Air (Give Units)</u>
Ammonium Nitrate	6484-52-2		ACGIH TLV OSHA PEL Other (Specify)
Calcium Phosphate	7757-93-9		None listed.
Monoammonium Phosphate	7722-76-1		
Diammonium Phosphate	7783-28-0		
Potassium Sulfate	7778-80-5		

NFPA and HMIS Rating: 0, 0, 0; Health, Flammability, Reactivity

NOTE: THIS PRODUCT IS NOT CLASSIFIED AS AN OXIDIZER, AND DOES NOT REQUIRE PLACARDING OR SPECIAL HANDLING.

III. PHYSICAL PROPERTIES

Vapor Density (Air=1):	(Solid) N/A	Melting Point or Range:	Decomposes on heating.
Bulk Density:	Approx. 1.2kg/dm ³ .	Boiling Point or Range:	Decomposes on heating.
Solubility in Water:	Approx. 90% soluble in water at room temp.	Evaporation Rate: (Solid) N/A (Butyl Acetate=1)	
Vapor Pressure, mm Hg at 20°C:	(Solid) N/A		
Appearance and Odor:	Gray prills, odorless.		

IV. FIRE AND EXPLOSION

Flash Point, °F (Give Method): Decomposes on heating.

Auto Ignition Temperature, °F: Non-flammable.

Flammable Limits in Air, Volume %: N/A Lower (LEL): N/A Upper (UEL): N/A

Fire Extinguishing Materials:

 Water Spray
 Foam

 Carbon Dioxide
 Dry Chemical

 Other

Special Fire Fighting Procedures: Flood with water to cool containers. Use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: No oxidizing properties. Decomposes on heating to nitrogen oxides.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE - FOR EACH POTENTIAL ROUTE OF EXPOSURE

Inhaled: Mild nasal irritation.

Contact with Skin or Eyes: Wash with soap and water for at least 15 minutes.

Absorbed through Skin: Not absorbed.

Swallowed: Small Amounts: Weakness, general depression, headache, and mental impairment.Large Amounts: Dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, convulsions, and collapse.

HEALTH EFFECTS OR RISKS FROM EXPOSURE - EXPLAIN IN LAY TERMS
Acute: Small Amounts: Weakness, general depression, headache, and mental impairment.Large Amounts: Dizziness, abdominal cramps, vomiting, bloody diarrhea, weakness, convulsion, and collapse.

Chronic: None.

FIRST AID - EMERGENCY PROCEDURES: **IN CASE OF DISCOMFORT DUE TO EXPOSURE, SEEK MEDICAL ATTENTION.**

Eye Contact: Flood immediately with clean water for 15 minutes.

Skin Contact: Wash with copious amounts of soap and water.

Inhaled: Move to fresh air.

Swallowed: Delay absorption of ingested nitrates by giving water, milk or activated charcoal and then remove by gastric lavage or emesis. Maintain blood pressure.

SUSPECTED CANCER AGENT?

NO. This product's ingredients are not found in the lists below.
 YES. Federal OSHA NTP IARC

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

VI. REACTIVITY DATA

Stability: Stable Unstable

Conditions to Avoid: None.

Incompatibility: None. Product does not exhibit oxidizer properties.
 (Materials to Avoid)

Hazardous Decomposition Products: Nitrogen oxides formed from thermal decomposition.
 (Including Combustion Products) Non-sustaining when heat source removed.

Hazardous Polymerization: May Occur Will Not Occur

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill Response Procedures: Contain spill. Sweep up and scoop into suitable container
 (Include Employee Protection for use or recycle.
 Measures)

Preparing Wastes for Disposal: Spread on arable land at standard agricultural rates. If
 (Container Types, Neutralization, contaminated, dispose in a properly designated landfill.
 etc.)

NOTE: DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls:	Adequate ventilation for dust control.
Respiratory Protection (Type):	NIOSH approved dust respirator.
Eye Protection (Type):	Safety goggles/glasses.
Gloves (Specify Material):	Rubber gloves.
Other Clothing and Equipment:	Clean coveralls and a long sleeved shirt.
Work and Hygienic Practices:	Shower with soap and water. Wash clothing separately with laundry detergent.
Other Handling and Storage Requirements:	Prevent eye contact, skin contact and oral ingestion.
Protective Measures During Maintenance of Contaminated Equipment:	Same as handling and storage requirements.

WARNING: This product contains a chemical (or chemicals) known to the State of California to cause cancer and birth defects or other reproductive harm.

Customer Service

1-800-234-9376 • FAX 813-875-5735

100 North Tampa Street, Suite 3200, Tampa, Florida 33602