



## 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.**

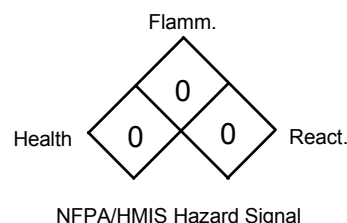
#### I. PRODUCT IDENTIFICATION

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 <sup>3</sup> .	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.		

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IV. FIRE AND EXPLOSION

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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.

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V. HEALTH HAZARD INFORMATION

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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.

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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.

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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.

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SUSPECTED CANCER AGENT?

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

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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:    None known.

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**VI. REACTIVITY DATA**

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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

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**VII. SPILL, LEAK AND DISPOSAL PROCEDURES**

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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.**

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**VIII. SPECIAL HANDLING INFORMATION**

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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