

MATERIAL SAFETY DATA SHEET

901-00

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09/17/2008 Essentially Similar to U. S. Department of Labor Form OSHA-174

SECTION 1

Manufacturer's Name: Four Star Services, Inc. Emergency Telephone # 1-800-348-2608
1-260-824-5384

Address: 1764 South Main Street, PO Box 463, Bluffton, Indiana 46714

Trade Name: Pene-Turf

Revised: 09/17/2008

Product code: 419

SECTION II - HAZARDOUS INGREDIENTS

	TLV UNITS
Isopropanol CAS#67-63-0	400PPM
Ethanol CAS#64-17-5	1000PPM

SECTION III - PHYSICAL DATA

Boiling Point (F)	180 F	Specific Gravity	(H ₂ O=1)1.00
Vapor Pressure (mm Hg.)	Undetermined	Product pH	8.5
Solubility In Water	Complete	Melting Point	Und.

Appearance and odor: Dark brown with alcohol odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Undetermined
Extinguishing Media	Water, CO ₂ , Foam
Special Fire Fighting Procedure	None
Unusual Fire and Explosion Hazards	Non-Flammable

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value	400PPM-Based on raw material TLV
Carcinogen	No
Acute & Chronic Health Effect	Undetermined
Primary Routes of Entry:	Inhalation Skin <u>X</u> Ingestion <u>X</u>
Effects of Overexposure	Skin & eye-May cause eye irritation. Ingestion - May be harmful if swallowed Inhalation - may cause irritation
Emergency & First Aid Procedures	Eye-Wash with Water Ingestion-Give milk or water to drink. Get medical attention. Advise that product contains synthetic detergents.

SECTION VI - REACTIVITY DATA

Stability:	Unstable	Stable <u>X</u>
Conditions to avoid	None	
Incompatibility (Materials to avoid)	None	

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SECTION I

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SECTION VII- SPILL OR LEAK PROCEDURES

Steps to take in case material is released or spilled: Clean up with water
Waste disposal method: Follow Federal & local regulations

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Type)	Adequate ventilation
Gloves (Type)	Rubber
Eye Protection	goggles if splashing occurs
Other protective equipment	None

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: No special requirements
Other precautions: None

SECTION X - SECTION 313 SUPPLIER NOTIFICATION (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Chemical Name & CAS#:	No reportable substances	% By Weight
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