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9/17/2004

**MATERIAL SAFETY DATA SHEET**  
Essentially Similar to U. S. Department of Labor Form OSHA-17A

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**SECTION 1**

MANUFACTURER'S NAME: Four Star Services, Inc. EMERGENCY TELEPHONE: (260)824-5384  
ADDRESS: (Street, City, State, and ZIP Code) 1764 S. Main Street, Bluffton, Indiana 46714  
TRADE NAME: Li'l Perk Soil Treatment Concentrate PRODUCT CODE: 419

**SECTION II - HAZARDOUS INGREDIENTS**

Isopropanol CAS#67-63-0

TLV UNITS: 400PPM

**SECTION III - PHYSICAL DATA**

BOILING POINT (F): 180° F SPECIFIC GRAVITY (112/0=1): 1.00  
VAPOR PRESSURE (mm Hg.): Undetermined PRODUCT pH: 8.5  
SOLUBILITY IN WATER: Complete MELTING POINT: Undetermined  
APPEARANCE AND ODOR: Dark brown with alcohol odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method used): Greater than 180° F  
EXTINGUISHING MEDIA: Water, CO2, Foam  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-Flammable

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: 400 PPM-based on raw material TLV  
CARCINOGEN: No  
ACUTE & CHRONIC HEALTH EFFECTS: Undetermined  
PRIMARY ROUTES OF ENTRY: INHALATION \_\_\_\_\_ SKIN X INGESTION: X  
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 X CONDITIONS TO AVOID None  
INCOMPATIBILITY (Materials to Avoid): None

**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 and Local Regulations

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (Type): Adequate ventilation  
PROTECTIVE 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  
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