### Tele: 952-927-9215 Fax: 952-927-9224 E-mail: sales@synecosystems.com

### MATERIAL SAFETY DATA SHEET

# PERSNICKETY® BRAND 713 BIOLOGICAL INOCULANT

PRODUCT INFORMATION	
Trade Name:	PERSNICKETY® Brand 713 Biological Inoculant
Name and/or Family Description:	Strict and Facultative Anaerobic Microbes
DOT Hazard Classification:	Non-Hazardous
NFPA:	Health Hazard-O-Normal Material; Flammability-O-Above 200
Deg.F;	Reactivity-O-Stable
CAS Number:	Proprietary
RCRA Hazard Class (If discarded):	None
EPA Priority Pollutants:	None

### HAZARDOUS INGREDIENTS

As established by the American Conference of Governmental Industrial Hygienists and/or standards promulgated by OSHA, data indicates that to the best of our knowledge ingredients are non-hazardous.

PHYSICAL DATA		
Boiling Point (Degrees C.):	98° C.	
Solubility in Water @ 25 Degrees C.:	Soluble	
Specific Gravity @ 25 Degrees C.:	1.004 Gram/ML	
Vapor Pressure, mm Hg @ 25 Degrees C.:	>1	
Vapor Density, (Air = 1):	<1	
Appearance @ 25 Degrees C.:	Clear to light gray liquid	
Odor:	Slight H <sub>2</sub> S	
Flash Point, PMCC, Degrees F.:	>200	
Evaporation Rate (Butyl Acetate = 1):	0.1	

FIRE AND EXPLOSION HAZARD D	ATA
E11, D-1-4.	(C -

Flash Point:	(See PHYSICAL DATA section)
Flammable Limits in Air:	% By Volume: Non-flammable
	Lower: Non-flammable
	Upper: Undetermined
Extinguishing Media:	N.A.
Special Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire & Explosion Hazards:	None known to Syneco Systems, Inc.

# HEALTH HAZARD DATA

Threshold Limit Value:	Not determined by ACGIH or OSHA.
Effects of Over Exposure:	Skin: May cause some drying of skin.
	Eyes: May cause some stinging of the eyes.
Emergency & First Aid Procedures:	Flush eyes with copious amounts of water for minimum of 10-15 minutes. Wash contaminated skin areas with soap and water. If any irritation develops consult a physician. Remove any contaminated clothing.

REACTIVITY DATA Stability: Stable (X) Unstable () Incompatibilities (materials to avoid): Strong oxidizing agents can cause reaction. Hazardous Decomposition Products: May occur () Will not occur (X) Hazardous Polymerization: Conditions to Avoid: Not applicable SPILL, LEAK AND DISPOSAL PROCEDURES (Use appropriate safety equipment.) Use absorbent material to collect/contain spillage ready for disposal. Contain large spills with Action to Take For Spills: earth/sand and pump into suitable tank. Wash area with suitable detergent and rinse thoroughly. All local, state and federal regulations concerning health and Disposal Method: pollution should be reviewed to determine procedures. SPECIAL HANDLING INFORMATION 1. Local Exhaust: None should be needed. Ventilation: 2. Mechanical (general): Recommended 3. Respiratory Protection (type): None necessary Protective Clothing: Clean body covering clothing. Rubber gloves. Eye Protection: Chemical workers goggles recommended Other Protective equipment: Eve wash and safety shower in work area.

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store in well ventilated areas below 120 degrees F. but protect from freezing.