

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 ₂ S
Flash Point, PMCC, Degrees F.:	>200
Evaporation Rate (Butyl Acetate = 1):	0.1
FIRE AND EXPLOSION HAZARD DATA	
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:	None
Hazardous Polymerization:	May occur () Will not occur (X)
Conditions to Avoid:	Not applicable
SPILL, LEAK AND DISPOSAL PROCEDURES	
Action to Take For Spills:	(Use appropriate safety equipment.) Use absorbent material to collect/contain spillage ready for disposal. Contain large spills with earth/sand and pump into suitable tank. Wash area with suitable detergent and rinse thoroughly.
Disposal Method:	All local, state and federal regulations concerning health and pollution should be reviewed to determine procedures.
SPECIAL HANDLING INFORMATION	
Ventilation:	1. Local Exhaust: None should be needed. 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:	Eye wash and safety shower in work area.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	
Store in well ventilated areas below 120 degrees F. but protect from freezing.	

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