

COMPANY IDENTITY: NEWTWIST™, LLC
PRODUCT IDENTITY: Enspor S1 Liquid

SDS DATE: 8/5/2015
ORIGINAL: 5/5/2015

SAFETY DATA SHEET

This safety data sheet conforms to ANSI Z400.5 and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System. This SDS complies with 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD.) Important: Read this SDS before handling and disposing of this product. Pass this information on to customers, employees and users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: Enspor S1 Liquid
PRODUCT USES: Microbial remediation of chemical and biological substances
COMPANY INFORMATION: NEWTWIST™, LLC
PO Box 445
Hempstead, TX 77445
CONTACT PHONE: (800) 982-1187

SECTION 2. HAZARDS IDENTIFICATION

HAZARD STATEMENTS:

H317 May cause an allergic skin reaction (CAT:3)

PRECAUTIONARY STATEMENTS:

P102 Keep out of reach of children
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	WT %
Bacillus (bacterium genus)	68582-99-0	<0.1

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Immediately flush with clear running water for 15 minutes. Get medical attention.
SKIN CONTACT: Rinse skin with clear water.
INHALATION: Avoid exposure to aerosols. If an aerosol is formed, leave the area immediately and wait for aerosol to settle or be removed before returning. Do not inhale dissolved product. If inhaled, see a doctor immediately.
SWALLOWING: Immediately drink large quantities of water. Get medical attention.

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES: Product does not support combustion.
EXTINGUISHING MEDIA: Use carbon dioxide, dry chemical, water mist, or alcohol foam.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Wear gloves if disposal requires handling.
ENVIRONMENTAL PRECAUTIONS: None.
CONTAINMENT AND CLEAN-UP MEASURES: Dilute with water and flush to sanitary sewer.

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SECTION 7. HANDLING AND STORAGE

HANDLING: Wear gloves when handling. Keep out of reach of children. Follow all special instructions on use.

STORAGE: Keep container closed when not in use. Do not freeze.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
None				

None

RESPIRATORY, VENTILATION, EYE, HAND & SKIN PROTECTION: None required.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Brown, turbid liquid

pH: 9-10

BOILING POINT: ~100°C

FLAMMABILITY: Not flammable

SPECIFIC GRAVITY: 1.1

ODOR: Fermentation odor

FREEZING POINT: ~0°C

FLASH POINT: N/A

VAPOR PRESSURE: ND

SOLUBILITY IN WATER: Emulsifiable

SECTION 10. STABILITY & REACTIVITY

STABILITY: Stable.

MATERIALS TO AVOID: Oxidizers or strong acids may inactivate cultures.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides from burning.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT: May cause an allergic reaction especially in people with a history of allergic reaction. Possible eye irritant.

SWALLOWING: Possible gastric pain and vomiting if large quantities are ingested.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE, & OTHER CHRONIC HAZARDS: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH.

PATHOGENICITY: Bacterial cultures are CDC Biosafety Level 1 (non-pathogenic).

MAMMALIAN TOXICITY INFORMATION

LD50 (Oral): ND

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS: Minimal impact, as cultures naturally occur in soil and water.

MOBILITY: Disperses in water.

DEGRADABILITY: Biodegradable.

ACCUMULATION: None likely.

SECTION 13. DISPOSAL CONSIDERATIONS

All disposal must be in accordance with all federal, state and local regulations.

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SECTION 14. TRANSPORT INFORMATION

This product is a non-hazardous liquid for transport purposes.

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302, 304 Reporting not required.

SECTION 311, 312 Reporting not required for inventory above TPQ.

SECTION 313 Reporting may be required for users in manufacturing sector.

STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains no chemicals known to the state of California to cause cancer and reproductive toxicity.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS (HMIS):

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 PHYSICAL HAZARD: 0