



**Safety Data Sheet
CONKLIN COMPANY, INC.**

Date Prepared: 1/20/14

SDS Number: 2018

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Feedstore® Microbial Hay Inoculant	General Use Live Hay Inoculant
Manufacturer's Name Conklin Company	Emergency Telephone Numbers Health: (888) 786-0974 Transport: (800) 424-9300
Address (Number, Street, City, State and Zip) 551 Valley Park Drive Shakopee, MN 55379	Phone Number for Additional Information (952) 445-6010 Website: www.conklin.com

SECTION 2 - HAZARDS IDENTIFICATION

Signal Word:	Warning
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Hazard statements:	Causes eye and skin irritation.
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Precautions: Wear gloves, safety glasses or goggles, and long-sleeved clothing when handling. Wash hands thoroughly after handling.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Potential Health Effects, Based on Individual Components (May Vary Among Individuals)

Eye: Dust may cause irritation.

Skin: Prolonged exposure may cause irritation or dermatitis.

Ingestion: Ingestion may cause stomach upset and diarrhea.

Inhalation: May cause irritation to respiratory tract (mouth, nose, throat and lungs).

Medical conditions aggravated by exposure:

None known

Chronic effects: No information available.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percent by Weight
No known OSHA Hazardous Ingredients		
See Section 8 for exposure guidelines.		

SECTION 4 - FIRST AID MEASURES

EYES: Immediately flush the contaminated eye(s) with clean, lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens until after flushing is complete. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

SKIN: No health effects expected. If irritation does occur, flush with lukewarm water, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

INGESTION: If irritation or discomfort occurs, obtain medical advice.

INHALATION: If symptoms are experienced, remove source of contamination or move victim to fresh air. Obtain medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: Not determined

EXINGUISHING MEDIA: Water fog or spray, dry chemical, foam, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Use water, dry chemical, CO₂, or foam, as appropriate for surrounding fire. Use water spray to cool containers. Firefighters should use approved self-contained breathing apparatus and full turn-out (Bunker) gear when fighting fires involving chemicals, to protect against possible toxic fumes or vapors. Cool and use caution when approaching fire-exposed containers. Organic material suspended in water. Organic material may burn if all of the water has boiled off.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURE: Use personal protection recommended in Section 8. Ventilate area thoroughly. Stay upwind. Isolate area from unprotected personnel. Dike to prevent spill from spreading. Collect and place in metal container with tight fitting cover. Floor may be slippery - use care and clean thoroughly. Keep out of sewer, septic system, ground water, and open waters. Notify federal, state and local authorities, as applicable.

SECTION 7 - HANDLING AND STORAGE

STORAGE TEMPERATURE: Store in cool dry place preferably a refrigerator.

HANDLING AND STORAGE PRECAUTIONS: Do not freeze. Use personal protection recommended in Section 8. Protect from direct sunlight. Store in dry, cool, ventilated area in tightly closed containers out of the reach of children. Do not store on side. Avoid creasing or impacting container sidewalls. Empty containers may be hazardous. Do not eat, drink, or smoke in chemical use or storage areas. Wash hands after handling and before eating, drinking, or smoking. Do not rub eyes with soiled hands. See Section 10 for metals or other materials to avoid.

SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

ENGINEERING CONTROLS: Provide sufficient general and local exhaust ventilation to maintain safe exposure levels. Take measures to minimize exposure. Provide a source of clean water for flushing eyes and skin.

EYE PROTECTION REQUIREMENTS: Use ANSI-approved eye protection (e.g. safety glasses, goggles), as required by work conditions. Use ANSI-approved chemical splash goggles and face shield if splashing may occur.

SKIN PROTECTION REQUIREMENTS: Chemical-resistant gloves and clothing, as needed, to prevent skin contact. Wash hands before eating, drinking, or smoking.

RESPIRATORY PROTECTION: To protect against inhalation, a NIOSH-approved air-purifying respirator with organic vapor cartridges and dust/mist pre-filters may be permissible. Use a dust/mist filter or pre-filter if spraying. Use a positive pressure air-supplied respirator for unknown or uncontrolled situations, or when air-purifying respirators may not provide adequate protection.

AIRBORNE EXPOSURE LIMITS

Components	OSHA PEL/TWA	ACGIH TLV/TWA	STEL
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Definitions:

- PEL = Permissible Exposure Limit
TLV = Threshold Limit Value
TWA = Time-weighted average (8 hour day)
STEL = Short term exposure limit (15 minutes), no more than 60 min./day
(c) = Ceiling (not to be exceeded under any condition)
(s) = Skin
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Fine Powder	Solubility in Water:	Complete
Color:	Cream	Specific Gravity (Water = 1):	0.8
Odor:	odorless	Evaporation Rate (Butyl Acetate = 1):	Not available
Boiling Range:	> 212°F	Vapor Pressure (mm Hg):	Not determined
pH:	Not applicable	Vapor Density (Air = 1):	Not available

SECTION 10 – REACTIVITY

- Stability: Stable under anticipated storage and handling conditions.
- Hazardous Polymerization: Will not occur.
- Incompatibilities (Materials to Avoid): Avoid strong oxidizers, such as chlorine, open flames, sparks and excessive heat.
- Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and nitrogen oxides.
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SECTION 11 - TOXICOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 3 for potential health effects.

SECTION 12 – ECOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 6 for information regarding accidental releases. Keep out of trash, water, sewer, and drainage systems, except when used as intended.

SECTION 13 - DISPOSAL CONSIDERATIONS

Recycle or dispose of contents and empty containers according to federal, state and local regulations. Keep out of trash, water, sewer, and drainage systems, except when used as intended.

SECTION 14 - TRANSPORTATION INFORMATION

Not a DOT Hazardous Material.

SECTION 15 - REGULATORY INFORMATION

No information available.

SECTION 16 - OTHER INFORMATION

This document replaces the 1/3/11 version. All Safety Data Sheets were updated to GHS standards.

The information contained in this Safety Data Sheet is based on data available to us from suppliers, and is believed to be true and correct; however, Conklin makes no warranty, express or implied, regarding the accuracy of this data or results obtained from the use of this product. Conklin and its employees assume no responsibility for injury or damage from the use of this product.