



Safety Data Sheet
CONKLIN COMPANY, INC.

Date Prepared: 11/12/17

SDS Number: 2073

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Syntose FA	General Use Liquid Sugar with Fulvic Acid
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

Hazard statements: Liquid may irritate eyes.

Precautions:

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Potential Health Effects, Based on Individual Components (May Vary Among Individuals)**Eye:** Liquid may cause irritation.**Skin:** Not expected to cause irritation under normal use.**Ingestion:** Not expected to cause irritation under normal use.**Inhalation:** Not expected to cause irritation under normal use.**Medical conditions aggravated by exposure:**

None known

Chronic effect Not known to contain component(s) at 0.1% or greater listed as a carcinogen or possible carcinogen.**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS Number	Percent by Weight
Sugar Solution	68476-78-8	95% to 99%
Fulvic Acid	479-66-3	0.2% to 1.0%

See Section 8 for exposure guidelines.

SECTION 4 - FIRST AID MEASURES**EYES:** Do not rub eye(s). Let the eye(s) water naturally for a few minutes. Gently flush with clean, lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If irritation persists, immediately obtain medical attention. DO NOT attempt to manually remove anything stuck to the eye.**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 applicable.

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. This is an organic material that may burn.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURE: Notify management of material spills. Product spills should be placed in recovery systems, or be shoveled into closed containers for disposal in an approved sanitary landfill or incinerator. Follow Federal, State and Local regulations for disposal.

SECTION 7 - HANDLING AND STORAGE

STORAGE TEMPERATURE: Store in cool, dry place.

HANDLING AND STORAGE PRECAUTIONS: Store in dry, cool, ventilated area in tightly closed containers out of the reach of children. Keep empty containers away from young children. See Sections 5, 6, and 8 for additional handling precautions.

SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

ENGINEERING CONTROLS: Take measures to minimize exposure to other agricultural products. 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: A dust mask may be used when handling.

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid	Solubility in Water:	Soluble
Color:	Brown.	Specific Gravity (Water = 1):	1.33 - 1.37
Odor:	Sweet.	Evaporation Rate (Butyl Acetate = 1):	Not applicable
Boiling Range:	Not Applicable	Vapor Pressure (mm Hg):	Not applicable
pH:	3.6 to 4.0	Vapor Density (Air = 1):	Not applicable

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.
Hazardous Decomposition Products: May produce irritating combustion products when heated to decomposition.

SECTION 11 - TOXICOLOGICAL INFORMATION

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

SECTION 12 – ECOLOGICAL INFORMATION

Product is biodegradable.

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.

SECTION 14 - TRANSPORTATION INFORMATION

Not a DOT Hazardous Material.

SECTION 15 - REGULATORY INFORMATION

California Proposition 65 statement: This product does NOT contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Does not contain any chemicals subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372) above de minimis concentrations.

Regulated by the Department of Agriculture for storage, use, and leaks or spills.

SECTION 16 - OTHER INFORMATION

This is a new Safety Data Sheet.

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.