



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

Date Prepared: 8/24/2023

SDS Number: 2071

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Identifier</b> INTENSIFY®™	<b>General Use</b> Plant Growth Regulator
<b>Manufacturer's Name</b> Conklin Company	<b>Emergency Telephone Numbers</b> Health: (888) 786-0974 Transport: (800) 424-9300
<b>Address (Number, Street, City, State and Zip)</b> 551 Valley Park Drive Shakopee, MN 55379	<b>Phone Number for Additional Information</b> (952) 445-6010 <b>Website:</b> www.conklin.com

**SECTION 2 - HAZARDS IDENTIFICATION**

<b>Signal Word:</b> <b>Warning</b>
<b>Hazard statements:</b> <b>May form combustible dust concentrations in air.</b>

**Precautions:****Response:****Potential Health Effects, Based on Individual Components (May Vary Among Individuals)**

**Eye:** None under normal use. Prolonged contact with large amounts of dust may cause mechanical irritation.

**Skin:** None under normal use. Prolonged contact with a large amount of dust may cause mechanical irritation.

**Ingestion:** To be determined.

**Inhalation:** None under normal use. Overexposure may be irritating to the respiratory system.

**Medical conditions aggravated by exposure:**

Prolonged inhalation of dust may cause respiratory irritation.

**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
Lactose Monohydrate	64044-51-5	90% to 100%
Trade Secret	Proprietary	1 to 2%
Gibberellic acid	77-06-5	< 1%
Indole butyric acid	133-32-4	< 1%

See Section 8 for exposure guidelines.

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**SECTION 4 - FIRST AID MEASURES**

**EYES:** Rinse with water while holding eyelids open. If eye irritation persists: Get medical advice and attention.

**SKIN:** No health effects expected. If irritation does occur, rinse with plenty of water.

**INGESTION:** Do not induce vomiting. Seek medical attention if a large amount is swallowed.

**INHALATION:** : If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Obtain medical attention if breathing difficulty persists.

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**SECTION 5 - FIRE FIGHTING MEASURES**

**FLASH POINT:** Not available

**EXINGUISHING MEDIA:** Not considered flammable but will burn at high temperatures. Use

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water, dry chemical, CO<sub>2</sub>, or foam, as appropriate for surrounding fire. Use water spray to cool containers. This is an organic material that may burn.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURE:** Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation.

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**SECTION 7 - HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** Store above 40°F and below 100°F.

**HANDLING AND STORAGE PRECAUTIONS:** Handle in accordance with good industrial hygiene and safety procedures. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Take precautionary measures against static discharge. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

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**SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS**

**ENGINEERING CONTROLS:** Avoid dust production. Ensure adequate ventilation, especially in confined areas. Take precautionary measures against static discharges.

**EYE PROTECTION REQUIREMENTS:** Safety glasses.

**SKIN PROTECTION REQUIREMENTS:** Wear suitable protective clothing.

**RESPIRATORY PROTECTION:** Not required for normal conditions of use. In case of inadequate ventilation wear respiratory protection.

**AIRBORNE EXPOSURE LIMITS**

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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:	Granules	Solubility in Water:	Soluble
Color:	Off white	Specific Gravity (Water = 1):	Not Est
Odor:	Slight, sweet	Evaporation Rate (Butyl Acetate = 1):	N/A
Boiling Range:	N/A	Vapor Pressure (mm Hg):	N/A
pH:	N/A	Vapor Density (Air = 1):	N/A
VOC:	Not applicable		

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## SECTION 10 – REACTIVITY

Stability:	Stable under anticipated storage and handling conditions.
Hazardous Polymerization:	Will not occur.
Incompatibilities (Materials to Avoid):	Avoid strong oxidizers and excessive heat.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

Refer to Section 3 for potential health effects.

For 2,4a,7-Trihydroxy-1-Methyl-8-Methylenegibb-3-ene-1,10-Dicarboxylic Acid 1,4a-Lactone: LD50: Oral (rat) 6300 mg/ kg; LD50: Oral (mouse) 8500 mg/ kg.

(Testing not done on behalf of Conklin.)

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## SECTION 12 – ECOLOGICAL INFORMATION

Product is biodegradable. The available data on this material does not indicate any undue hazard to the environment under anticipated use and storage. All work practices must be aimed at preventing environmental contamination. Any waste due to spillage or leakage should be contained and disposed of accordingly, see above under Accidental Release Measures. Due to its growth hormone nature, may cause eutrophication if discharged in bodies of water.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal must be done following all Federal, State and Local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority.

EMPTY CONTAINERS: Follow label instructions for cleaning instructions before disposing of these containers. Dispose properly accordingly to regulations on empty containers in your locality or make available to a container reconditioning facility for recycling.

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## SECTION 14 - TRANSPORTATION INFORMATION

Not a DOT Hazardous Material.

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## 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.

### EPA Registry No.: 11600-8

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

## **SECTION 16 - OTHER INFORMATION**

This document replaces the 1/2/2023 version. CAS number for Lactose monohydrate corrected (Section 3).

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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.