

Stimulate

Material Safety Data Sheet (rev.02/18)

**SECTION I**
**PRODUCT IDENTIFICATION**

	<b>NFPA HAZARD RATINGS</b>
	HEALTH HAZARD 0      FIRE HAZARD 0      REACTIVITY 0
	<b>SARA/ TITLE III HAZARD CATEGORIES</b>
	Immediate (ACUTE) Health: NO      Reactive Hazard: NO
	Delayed (Chronic) Health: NO      Fire Hazard: NO      Sudden Release of Pressure: NO
Company Name:	STOLLER USA, INC.
Address:	4001 W. Sam Houston Parkway, N., Suite 100 Houston, Texas 77043-1226 U.S.A.
Emergency Phone Number:	CHEMTREC: In the U.S. and Canada call Toll- free: 1(800)424-9300 From other countries call collect: 1(703)527-3887
Phone Number for Information:	1-800-539-5283 or 713-461-1493
Chemical Family:	N/ A
Chemical Name & Synonyms:	None
Formula:	Proprietary
Trade name & Synonyms:	<b>STIMULATE™ YIELD ENHANCER</b>

**SECTION II**
**PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>INGREDIENTS:</b>	<b>CAS#</b>	<b>Approx. %</b>	<b>TLV</b>
Kinetin	525-79-1	0.009	Not Listed
Gibberellic acid	77-06-5	0.005	Not Listed
Indole-3- butyric Acid	133-32-4	0.005	Not Listed
	<b>RTECS No.</b>		<b>Haz- Mat</b>
Kinetin			No
Gibberellic acid			No
Indole-3- butyric Acid			No

**SECTION III**
**PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b>	212°F (100°C)	<b>VAPOR PRESSURE (mm/ Hg):</b>	
<b>MELTING POINT:</b>	Not established	<b>VAPOR DENSITY (air = 1):</b>	Not known
<b>SPECIFIC GRAVITY:</b>	1.05	<b>REACTIVITY IN WATER:</b>	N/ A
<b>SOLUBILITY IN WATER:</b>	>99%	<b>EVAPORATION RATE:</b>	Not known
<b>APPEARANCE AND ODOR:</b>	Yellowish clear liquid with a pleasant, neutral odor.		
<b>PERCENT VOLATILE BY VOLUME:</b>	N/ A		

**SECTION IV**
**FIRE AND EXPLOSION DATA**

<b>FLASH POINT:</b>	N/ A	<b>LEL:</b>	<b>UEL:</b>
<b>FLAMMABLE LIMITS:</b>	N/ A		
<b>EXTINGUISHER MEDIA:</b>	May use all means adequate to fight surrounding fire.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	N/ A		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None.		

**SECTION V****PHYSICAL HAZARDS (REACTIVITY DATA)**

**STABILITY:**  
**CONDITIONS TO AVOID:**  
**INCOMPATIBILITY, MATERIALS TO AVOID:**  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
**HAZARDOUS POLYMERIZATION:**  
**MAY OCCUR:**                      **WILL NOT OCCUR: X**

Stable:                      Unstable: Yes  
N/ A  
None known.  
N/ A  
N/ A

**SECTION VI****HEALTH HAZARDS**

- A. EXPOSURE LIMITS:**  
1. OSHA Permissible Exposure Limit (PEL): N/ A  
2. Threshold Limit Value (TLV): N/ A
- B. CARCINOGEN OR POTENTIAL CARCINOGEN:**  
1. NPT: N/ A  
2. IARC: N/ A  
3. OSHA: N/ A
- C. EFFECTS OF OVEREXPOSURE:**  
1. **ACUTE:**  
**EYES:** Potential mild irritation.  
**SKIN:** Potential mild irritation.  
**INHALATION:** Potential mild irritation.  
**INGESTION:** None known.  
2. **CHRONIC:** Expected toxicity hazard: not known.
- D. EMERGENCY FIRST AID PROCEDURES:**  
**EYES:** Immediately flush with plenty of clean water for at least 15 minutes.  
**SKIN:** Immediately wash material off with plenty of soap and water.  
**INHALATION:** Get victim to fresh air. If breathing is labored, provide oxygen.  
**INGESTION:** Call a physician if large quantities are ingested.
- E. ANIMAL TOXICITY DATA:** N/ A
- F. ADDITIONAL INFORMATION:** Note to Physician: Symptomatic treatment.

**SECTION VII****SPECIAL PRECAUTIONS & SPILL/ LEAK PROCEDURES**

**HANDLING AND STORAGE:** Keep containers tightly closed. Store away from food, feed and clothing, in dry area, above freezing and below 100°F (38°C), out of direct sunlight. Keep out of reach of children.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED:** Recover as much as possible by scooping, then use an absorbent inert to capture residues and dispose of as a solid waste.

**WASTE DISPOSAL METHODS:** Follow all applicable federal, state and local regulations.

**SECTION VIII****SPECIAL PROTECTION / CONTROL MEASURES**

**RESPIRATORY PROTECTION:** As required by conditions. Use an OSHA or NIOSH approved respirator if required.

**VENTILATION:** General ventilation is usually adequate. Local exhaust should be used if needed for safe, comfortable working conditions.

**WORK/ HYGIENIC PRACTICES:** As a general rule, do not eat, drink, smoke, chew gum or tobacco when handling chemicals. Wash thoroughly after handling.

**SECTION IX****ENVIRONMENTAL EFFECTS DATA**

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The available data on this plant nutrient material does not indicate any undue hazard to the environment under anticipated use and storage. Any waste due to spillage or leakage should be contained and disposed of as a Pesticide (see above under Waste Disposal Methods). Due to its hormonal value, may contribute to eutrophication in bodies of water.

**SECTION X****TRANSPORTATION DATA**

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**DOT HAZARD CLASS:** Non- Regulated.

**PLACARD:** N/ A

**USDOT Proper Shipping Name:** N/ A

**IATA Proper Shipping Name:** N/ A

**IMO Proper Shipping Name:** N/ A

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