

SAFETY DATA SHEET

1. Identification:		
Product Identifier:	Throttle	
Other Means of Identification:	62097-55-82917	
Distributed by:	Fine Americas, Inc. 1850 Mt. Diablo Blvd., Suite 405, Walnut Creek, CA 94596, USA Tel: 925-932-8800	
Emergency Phone Number:	Chemtrec 1-800-424-9300 (24 hours)	
Recommended Use:	Plant growth regulator	
Restrictions on Use:	Keep out of reach of children	
2. Hazard(s) Identification (This product is not classified as hazardous as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200): (By calculation based on components and comparison to similar products)		
Class/Category:	Not Classified	
Route of Exposure:	Contact with skin and eyes or by inhalation of spray	
Hazards Not Otherwise Classified:	None known	
Signal word:	None	
Symbol(s):	None	
Hazard Statements:	None assigned	
Precautionary Statements:	Prevention: None assigned Response: None assigned Storage: None assigned Disposal: None assigned	
3. Composition:		
This product contains the following components classified as hazardous under 29 CFR 1910.1200		
CAS number:	Component:	Percent:
77-92-9	Citric acid	0.1
128-37-0	Butylated hydroxytoluene	0.1
133-32-4	Indole-3-butyric acid	<1%
525-79-1	Kinetin	<0.2%
The remainder of the mixture is not required to be disclosed by 29 CFR 1910.1200.		
4. First Aid Measures:		
Inhalation:	Remove patient to fresh air, allow to rest and keep warm.	
Eyes:	Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. Get medical attention if symptoms arise and persist.	
Skin:	Remove contaminated clothing and wash before reuse. Wash skin with soap and water for several minutes. Get medical attention if symptoms arise and persist.	
Ingestion:	DO NOT induce vomiting! Rinse mouth out and then drink plenty of water. Get medical attention if discomfort occurs.	
Symptoms/Effects:	Acute: No available information Delayed: No available information	
Indication of immediate medical attention and special treatment needed, if necessary:	No available information	
5. Fire Fighting Measures:		
Extinguishing Media:	Suitable: Water, foam, CO ₂ , or dry powder. Unsuitable: None	
Specific Hazards Arising from the Chemical:	None	
Protective Equipment and Precautions for Firefighters:	As required for surrounding fire. Prevent fire-fighting water entering watercourses or ground-water.	

6. Accidental Release Measures:

Personal Precautions, Protective Equipment and Emergency Procedures:	See Section 8 "Exposure controls/personal protection"
Methods for Containment and Clean-Up:	On soil: Contain/absorb with non-combustible absorbent material (eg, sand, earth, vermiculite, chemical absorbent) and place in suitable, closable container for safe disposal. On water: None known, inform relevant authorities. See also Section 13. Disposal Considerations.

7. Handling and Storage:

Precautions for Safe Handling:	Use personal protective equipment, see Section 8. Avoid contact with skin and eyes. Do not ingest. Do not inhale spray or vapours. Do not eat, drink or smoke whilst handling this material.
Conditions for Safe Storage:	Keep in original containers in cool well ventilated place. Keep containers tightly closed when not in use. . See also Section 10. Stability and Reactivity.

8. Exposure Controls/Personal Protection:

Component Exposure Limits:					
Substance	OSHA PEL		Cal/OSHA PEL	NIOSH REL	ACGIH TLV
	ppm	Mg/m3	8-hr TWA (ST) STEL (C) Ceiling	Up to 10 hr TW (ST) STEL (C) Ceiling A	8-hr TWA (ST) STEL (C) Ceiling
Butylated hydroxytoluene	-	-	-	10mg/m ³	-
Appropriate Engineering Controls:	Ensure good ventilation. Arrange for eye wash possibility.				
Personal Protective Equipment:	Not normally necessary but in case of frequent or prolonged use wear equipment specified below. Always check applicability with your supplier of protective equipment. Eyes/Face: Chemical goggles or full face visor. Skin: Laboratory coat or overalls. Respiratory: Wear particle filter such as EN143 fitted with P-SL filter if exposure to high levels of material is likely. Hand: Nitrile rubber or PVC gloves (Break-through times can vary depending on thickness, use and source. Change gloves regularly)				

9. Physical and chemical properties:

Appearance:	Pale yellow liquid
Odor:	Very faint mild odor
Odor Threshold:	Not applicable
pH:	Not determined
Melting Point/Freezing Point:	Not determined
Boiling Point:	Approx 368°F (187°C)
Flash Point:	> 212°F (>100°C)
Evaporation Rate:	Not determined
Flammability/Limits:	Not flammable LFL: not applicable UFL: not applicable
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Relative Density:	Not determined
Solubility (H₂O):	Soluble
Partition Coefficient:	Not determined
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

10. Chemical Stability and Reactivity Information:

Reactivity:	Stable under recommended storage and handling conditions.
Chemical Stability:	Stable under recommended storage and handling conditions.
Possibility of Hazardous Reactions:	Stable under recommended storage and handling conditions.
Conditions to Avoid:	Protect from high temperatures and sources of ignition.
Incompatible Materials:	Avoid accidental contact with strong acidic or alkaline solutions or oxidizing materials.
Hazardous Decomposition Products:	None known
11. Toxicological Information: (By calculation based on components and comparison to similar products)	
Likely Routes of Exposure:	Contact with skin and eyes or by inhalation of spray
Symptoms:	Inhalation: No data available Eye: Non-irritant Skin: Non-irritant Ingestion: No data available
Acute Toxicity:	Oral: (rat) >5000 mg/kg (EPA category IV) Inhalation: (rat) >5.1 mg/l (EPA category IV) Dermal: (rat) >5050 mg/kg (EPA category IV)
Skin Corrosion/Irritation:	Non-irritant. (rabbit) (EPA category IV)
Serious Eye Damage/Eye Irritation:	Non-irritant. (rabbit) (EPA category IV)
Sensitization:	Non-sensitizing (Buehler method, guinea pig)
Germ Cell Mutagenicity:	Not classified. No classified components
Carcinogenicity:	None of the components of this product are listed as carcinogens by NTP, IARC or OSHA.
Reproductive/Developmental Toxicity:	Not classified. No classified components
Specific Target Organ Toxicity:	Single Exposure: Not classified. No classified components Repeated Exposure: Not classified. No classified components
12. Ecological Information:	
Ecotoxicity:	No data available, but not expected to be hazardous to aquatic life.
Persistence and Degradability:	No data available.
Bioaccumulation Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	None known
13. Disposal Considerations:	
Disposal Instructions:	Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container disposal: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
14. Transport Information:	
UN Proper Shipping Name:	Not applicable
Hazard Class:	Not applicable
UN Number:	Not applicable
Packaging Group:	Not applicable
Marine Pollutant:	Not applicable

NMFC number/class:	101685/065 Plant growth inhibitor, modifier or regulator, NOIBN						
15. Regulatory Information:							
SARA:	No reportable components						
CERCLA:	No reportable components						
TSCA:	All components of this product are either listed or are exempt on the TSCA inventory. The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA: None						
Component Analysis – State:							
The following components appear on one or more of the following state hazardous substances lists:							
Component	CAS	CA	MA	MN	NJ	PA	RI
Butylated hydroxytoluene	128-37-0	✓	-	✓	✓	✓	✓
California Prop 65:	No component listed						
This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.							
EPA signal word:	None						
Classifications under 40 CFR 156.63 are given in sections 9 and 11 where applicable							
Precautionary Statements:	KEEP OUT OF REACH OF CHILDREN.						
Pictograms/Symbols:	None						
16. Other Information:							
<p>Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.</p> <p>It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.</p> <p>To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.</p>							
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Supersedes:	Not applicable						