

SAFETY DATA SHEET

1. Identification:		
Product Identifier:	Falgro® 20SP	
Other Means of Identification:	EPA registration number 62097-3-82917	
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 soluble powder	
Restrictions on Use:	Keep out of reach of children	
2. Hazard(s) Identification (This product is classified as hazardous as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):		
Class/Category:	Eye irritant 2B	
Route of Exposure:	Most likely exposure by Dermal or oral route	
Hazards Not Otherwise Classified:	None	
Signal word:	WARNING	
Symbol(s):	None	
Hazard Statements:	H320 Causes eye irritation	
Precautionary Statements:	Prevention: P264 Wash hands thoroughly after handling Response: P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P337+313 If eye irritation persists get medical advice / attention. 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:
77-06-5	Gibberellic acid (GA3)	20%
The remainder of the mixture is not required to be disclosed by 29 CFR 1910.1200.		
4. First Aid Measures:		
Inhalation:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice	
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.	
Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice	
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.	
Symptoms/Effects:	Acute: No available information Delayed: No available information	
Indication of immediate medical attention and special treatment	No available information	

needed, if necessary:				
5. Fire Fighting Measures:				
Extinguishing Media:	Suitable: Water mist, CO ₂ , foam or dry powder. Unsuitable: High pressure water jet			
Specific Hazards Arising from the Chemical:	At very high temperatures will decompose to form carbon compounds.			
Protective Equipment and Precautions for Firefighters:	No applicable information available.			
6. Accidental Release Measures:				
Personal Precautions, Protective Equipment and Emergency Procedures:	Refer to Section 8 "Exposure controls/personal protection".			
Methods for Containment and Clean-Up:	In case of spillage sweep up material. Dispose of contaminated material in accordance with local regulations. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. See also Section 13. Disposal Considerations.			
7. Handling and Storage:				
Precautions for Safe Handling:	Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.			
Conditions for Safe Storage:	Keep container tightly closed when not in use. Store below 75°F. 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/m ³	8-hr TWA (ST) STEL (C) Ceiling	Up to 10 hr TW (ST) STEL (C) Ceiling A
Sucrose (total dust)		15	10 mg/m ³	10 mg/m ³
(respirable fraction)		5	5 mg/m ³	5 mg/m ³
Appropriate Engineering Controls:	No applicable information available.			
Personal Protective Equipment:	Eyes/Face: Protective eyewear. Skin: Long pants. Long-sleeved shirt. Shoes plus socks. Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton. Respiratory: No applicable information available.			
9. Physical and chemical properties:				
Appearance:	White/off-white free flowing powder			
Odor:	Odorless			
Odor Threshold:	No data available			
pH:	2-3 (1% solution)			
Melting Point/Freezing Point:	No data available			
Boiling Point:	Not applicable			
Flash Point:	Not applicable			
Evaporation Rate:	Not applicable			
Flammability/Limits:	Non-flammable LFL: not applicable UFL: not applicable			

Vapor Pressure:	Not applicable		
Vapor Density:	Not applicable		
Relative Density:	0.93 g/ml		
Solubility (H₂O):	Soluble		
Partition Coefficient:	No data available		
Auto-Ignition Temperature:	No data available		
Decomposition Temperature:	No data available		
Viscosity:	Not applicable		
10. Chemical Stability and Reactivity Information:			
Reactivity:	No applicable information available		
Chemical Stability:	Stable in original containers for at least 2 years at ambient temperatures. (40-70°F)		
Possibility of Hazardous Reactions:	No applicable information available		
Conditions to Avoid:	Excessive heat; avoid exposure to high moisture.		
Incompatible Materials:	Strong oxidizing agents.		
Hazardous Decomposition Products:	None under normal conditions of storage and use.		
11. Toxicological Information:			
Likely Routes of Exposure:	?		
Symptoms:	Inhalation: No data available Eye: Minimal transient irritation Skin: Slight irritation Ingestion: No data available		
Acute Toxicity:	Oral:	LD ₅₀ Rat >5.05 mg/kg	(EPA category IV)
	Inhalation:	LC ₅₀ Rat >5.25 mg/l	(EPA category IV)
	Dermal:	LD ₅₀ Rat >2.02 mg/kg	(EPA category III)
Skin Corrosion/Irritation:	Slightly irritating (rabbit)		(EPA category IV)
Serious Eye Damage/Eye Irritation:	Minimally irritating (rabbit)		(EPA category IV)
Sensitization:	Non-sensitizing (guinea pig)		
Germ Cell Mutagenicity:	Not mutagenic (active ingredient)		
Carcinogenicity:	None of the components of this product are listed as carcinogens by NTP, IARC or OSHA.		
Reproductive/Developmental Toxicity:	No data available.		
Specific Target Organ Toxicity:	Single Exposure:	No data available	
	Repeated Exposure:	No data available	
12. Ecological Information:			
Ecotoxicity:			
	Species:	Exposure Time	LC50/EC50/IC50
	Fish	96 hr	LC50 >112mg/L
	Daphnia	48 hr	LC50 >122mg/L
	Algae	72 hr	EC50 >100 mg/L
	Bird		LD50 >2250 mg/kg
	Bee	48 hr	LD50 >25µg
Persistence and Degradability:	Degrades rapidly under biological conditions.		
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 this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. 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 1/4 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 flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by 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 component listed	
CERCLA:	No component listed
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
Sucrose	57-50-1	-	-	✓	-	-	✓

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: CAUTION

Classifications under 40 CFR 156.63 are given in sections 9 and 11 where applicable

Precautionary Statements: **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
CAUTION. Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wear protective eyewear and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

Pictograms/Symbols: None

16. Other Information:

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.

Product: Falgro 20SP
Issue Date: 10/18/16
Version: 8



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.

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.

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Supersedes:	1/6/16 version 7