

SAFETY DATA SHEET

1. Identification:		
Product Identifier:	Blush® 2X	
Other Means of Identification:	EPA registration number 62097-46-82917	
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 solution for use on apples	
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, category 2B	
Route of Exposure:	Oral and dermal	
Hazards Not Otherwise Classified:	None	
Signal word:	WARNING	
Symbol(s):	None assigned	
Hazard Statements:	H320 Causes eye irritation	
Precautionary Statements:	Prevention: P264: Wash hands thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection 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:
158474-72-7	Prohydrojasmon	10%
108-32-7	Propylene carbonate	75-85%
99734-09-5	Ethoxylated polyaryl phenol	8-12%
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:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.	
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 information available Delayed: No information available				
Indication of immediate medical attention and special treatment needed, if necessary:	No available information				
5. Fire Fighting Measures:					
Extinguishing Media:	Suitable: Water (mist), foam, CO ₂ , dry powder. Unsuitable: Water (jet)				
Specific Hazards Arising from the Chemical:	None				
Protective Equipment and Precautions for Firefighters:	As required for surrounding fire. Prevent fire-fighting water entering water courses or groundwater.				
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 leak or spill, use absorbent materials to contain liquids and dispose as waste. See also Section 13. Disposal Considerations.				
Other Information:	US Regulations may require reporting of spills of hazardous materials. See Section. 15 Regulatory Information for details on reportable quantities, if any.				
7. Handling and Storage:					
Precautions for Safe Handling:	Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.				
Conditions for Safe Storage:	Avoid freezing. Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose of as waste 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
No component listed					
Appropriate Engineering Controls:	No applicable information available.				
Personal Protective Equipment:	Eyes/Face: Protective eyewear. Skin: Long-sleeved shirt and long pants. Waterproof gloves. Shoes plus socks. Respiratory: No applicable information available				
9. Physical and Chemical Properties:					
Appearance:	Pale yellow/clear liquid				
Odor:	Mild solvent-type odor				
Odor Threshold:	No data available.				
pH:	6-6.5 (1% solution)				
Melting Point/Freezing Point:	No data available.				
Boiling Point:	> 212°F (100°C)				
Flash Point:	> 212°F (100°C)				
Evaporation Rate:	No data available				
Flammability/Limits:	Non flammable LFL: No data available UFL: No data available				
Vapor Pressure:	No data available				

Vapor Density:	No data available
Relative Density:	1.167 g/ml at 68°F
Solubility (H₂O):	Emulsifiable
Partition Coefficient:	No data available
Auto-Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

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:	High temperatures and sources of ignition
Incompatible Materials:	Strong acidic or alkaline solutions or oxidizing materials
Hazardous Decomposition Products:	No applicable information available

11. Toxicological Information:

Likely Routes of Exposure:	Contact with skin and eyes or by inhalation of spray
Symptoms:	Inhalation: No information available Eye: Irritation Skin: None Ingestion: No information available
Acute Toxicity:	Oral: LD ₅₀ (rat) >2000 mg/kg (EPA category III) Inhalation: LD ₅₀ (rat) >5.21 mg/kg (EPA category IV) Dermal: LD ₅₀ (rat) >2000 mg/kg (EPA category III)
Skin Corrosion/Irritation:	Non-irritant (rabbit) (EPA category IV)
Serious Eye Damage/Eye Irritation:	Moderate irritant (rabbit) (EPA category III)
Sensitization:	Non-sensitizing (mouse)
Germ Cell Mutagenicity:	No evidence of mutagenicity
Carcinogenicity:	No evidence of carcinogenicity
Reproductive/Developmental Toxicity:	No information available
Specific Target Organ Toxicity:	Single Exposure: No information available Repeated Exposure: No information available

12. Ecological Information:

Ecotoxicity:			
	Species:	Exposure Time	LC50/EC50/IC50
No data available			
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. Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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, 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.
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14. Transport Information:

UN Proper Shipping Name:	Not classified
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Product: Blush 2X
 Issue Date: 5/18/17
 Version: 2

Hazard Class:	Not classified
UN Number:	Not classified
Packing Group:	Not classified
Marine Pollutant:	Not classified
NMFC Number:	101685/065

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
No component listed	-	-	-	-	-	-	-

California Prop 65: No components listed in Ca Prop 65

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:	KEEP OUT OF REACH OF CHILDREN. Hazards To Humans And Domestic Animals. CAUTION. Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.
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Pictograms/Symbols:	None
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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.

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.

Issue Date/Version:	5/18/17 version 2
Supersedes:	4/28/17 version 1