

SAFETY DATA SHEET

1. Identification:		
Product Identifier:	Kudos® 27.5 WDG	
Other Means of Identification:	EPA registration number 62097-41-82917	
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 for use on apples, grass grown for seed, peanuts, d'Anjou pears, strawberries, sweet cherries, turf, and watercress	
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 irritation, category 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:
127277-53-6	Prohexadione calcium	27.5%
None assigned	Sulphonated aromatic polymer sodium salt	1.9%
None assigned	Sodium alkylnaphthalene sulphonate	1%
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 needed, if necessary:	No available information			
5. Fire Fighting Measures:				
Extinguishing Media:	Suitable: Water, foam, carbon dioxide, dry powder Unsuitable:			
Specific Hazards Arising from the Chemical:	None, product only partly combustible.			
Protective Equipment and Precautions for Firefighters:	As required for surrounding fire			
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:	Collect by use of vacuum cleaner or sweep up avoiding formation of dust clouds, damping down with water if necessary. Transfer to a closable, labelled salvage container for disposal by an appropriate method. 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:	Store in original container only. After partial use, close the container tightly. Store in a secure place that is temperate and dry. Use spray and stock solutions within 24 hours. Immediate use is required if another component is added to the spray solution. See also Section 10. Stability and Reactivity.			
8. Exposure Controls/Personal Protection:				
Component Exposure Limits:				
Substance	OSHA PEL	Ca/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
No listed components	-	-	-	-
Appropriate Engineering Controls:	No applicable information available.			
Personal Protective Equipment:	Eyes/Face: Wear suitable eye/face protection. Skin: Wear long sleeved shirt and long pants, socks, shoes, and gloves. Remove and wash contaminated clothing before reuse. Respiratory: A respirator is not normally required when handling this substance.			
9. Physical and chemical properties:				
Appearance:	Brown free flowing granular solid			
Odor:	Odorless			
Odor Threshold:	No data available			
pH:	6-8 (1% solution)			

Melting Point/Freezing Point:	Not applicable		
Boiling Point:	Not applicable		
Flash Point:	Not flammable		
Evaporation Rate:	Not applicable		
Flammability/Limits:	Not flammable LFL: not applicable UFL: not applicable		
Vapor Pressure:	No data available		
Vapor Density:	No data available		
Relative Density:	Pour 0.56 g/ml at 68°F (20°C), bulk 0.62 g/ml at 68°F (20°C)		
Solubility (H₂O):	Dispersible		
Partition Coefficient:	No data available		
Auto-Ignition Temperature:	Not applicable		
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:	None known		
Incompatible Materials:	Strong oxidizing agents		
Hazardous Decomposition Products:	None under normal conditions of storage and use		
11. Toxicological Information:			
Likely Routes of Exposure:	Dermal and Oral		
Symptoms:	Inhalation: Product is nearly dust free Eye: Moderate irritation Skin: Moderate irritation Ingestion: ?		
Acute Toxicity:	Oral: LD ₅₀ Rat >2 000 mg/kg (EPA category III)		
	Inhalation: Product is nearly dust free		
	Dermal: LD ₅₀ Rat >2 000 mg/kg (EPA category III)		
Skin Corrosion/Irritation:	Moderate irritant (rabbit) (EPA category III)		
Serious Eye Damage/Eye Irritation:	Moderate irritant (rabbit) (EPA category III)		
Sensitization:	Non-sensitizing (mouse)		
Germ Cell Mutagenicity:	No evidence of mutagenic effects		
Carcinogenicity:	None of the components of this product are listed as carcinogens by NTP, IARC or OSHA.		
Reproductive/Developmental Toxicity:	No evidence of reproductive effects		
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 >100 mg/L
	Daphnia	48 hr	EC50 >100 mg/L
	Algae	72 hr	EC50 >100 mg/L
	Bird		LC50 >2000 mg/kg
	Bee		LD50 >100µg
	Earthworm		>1000 as/kg soil
Persistence and Degradability:	Readily biodegradable.		

Bioaccumulation Potential:	No data available.						
Mobility in Soil:	No data available.						
Other Adverse Effects:	None known						
13. Disposal Considerations:							
Disposal Instructions:	Dispose of as controlled waste, via a licensed contractor ensuring that all national and local authority requirements are complied with. Container disposal: Non-refillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or then dispose of empty container 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 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
No component listed							
California Prop 65:	No listings						
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. Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.						
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>							

Product: Kudos 27.5 WDG
Issue Date: 10/18/16
Version: 4



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:	10/18/16 version 4
Supersedes:	1/6/16 version 3