


<b>1. Identification:</b>	
<b>Product Identifier:</b>	Kudos OD
<b>Other Means of Identification:</b>	EPA registration number 62097-61-82917
<b>Distributed by:</b>	Fine Americas, Inc. 1850 Mt. Diablo Blvd., Suite 670, Walnut Creek, CA 94596, USA Tel: 925-932-8800
<b>Emergency Phone Number:</b>	Chemtrec 1-800-424-9300 (24 hours)
<b>Recommended Use:</b>	Plant growth regulator solution
<b>Restrictions on Use:</b>	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):**

<b>Class/Category:</b>	Eye damage category II Skin Irritant Chronic-2
<b>Route of Exposure:</b>	Most likely Oral and Dermal
<b>Hazards Not Otherwise Classified:</b>	None
<b>Signal word:</b>	WARNING
<b>Symbol(s):</b>	
<b>Hazard Statements:</b>	H319 Causes serious eye irritation H315 Causes skin irritation H411 Toxic to aquatic life with long lasting effects.
<b>Precautionary Statements:</b>	Prevention: P273 – Avoid release to the environment. P280 - Wear protective gloves/eye protection /face protection. P305+351+338 – IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 – Immediately call a POISON CENTER or doctor/physician P391 – Collect spillage Storage: Disposal: P501 – Dispose of contents/container according to local and national regulations

**3. Composition:**

This product contains the following components classified as hazardous under 29 CFR 1910.1200		
<b>CAS number:</b>	<b>Component:</b>	<b>Percent:</b>
127277-53-6	Prohexadione calcium	25.94%
1335202-81-7	Emulsifier	4-6%
114535-82-9	Dispersant	3-4%
124-04-9	Adipic Acid	<3%

The remainder of the mixture is not required to be disclosed by 29 CFR 1910.1200.

**4. First Aid Measures:**

<b>Inhalation:</b>	Remove patient to fresh air, allow to rest and keep warm. Get medical attention if symptoms persist.
<b>Skin:</b>	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.
<b>Eyes:</b>	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.				
<b>Ingestion:</b>	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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.				
<b>Symptoms/Effects:</b>	Acute: Causes eye irritation Delayed: Unknown				
<b>Indication of immediate medical attention and special treatment needed, if necessary:</b>	No Available information				
<b>5. Fire Fighting Measures:</b>					
<b>Extinguishing Media:</b>	Suitable: Foam, carbon dioxide or dry powder. Unsuitable: Water				
<b>Specific Hazards Arising from the Chemical:</b>	None				
<b>Protective Equipment and Precautions for Firefighters:</b>	Wear protective gloves/protective clothing/eye protection/face protection				
<b>6. Accidental Release Measures:</b>					
<b>Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Wear protective gloves/protective clothing/eye protection/face protection Refer to Section 8 "Exposure Controls/Personal Protection"				
<b>Methods for Containment and Clean-Up:</b>	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.				
<b>Other Information:</b>	US Regulations may require reporting of spills of hazardous materials. See Section. 15 Regulatory Information for details on reportable quantities, if any.				
<b>7. Handling and Storage:</b>					
<b>Precautions for Safe Handling:</b>	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.				
<b>Conditions for Safe Storage:</b>	Keep container tightly closed when not in use. Store below 75oF. See also Section 10. Stability and Reactivity See also Section 10. Stability and Reactivity.				
<b>8. Exposure Controls/Personal Protection:</b>					
<b>Component Exposure Limits:</b>					
<b>Substance</b>	<b>OSHA PEL</b>		<b>Cal/OSHA PEL</b>	<b>NIOSH REL</b>	<b>ACGIH TLV</b>
	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)None listed
<b>Appropriate Engineering Controls:</b>	No applicable information available.				

<b>Personal Protective Equipment:</b>	<p>Respiratory protection - Wear particle filter such as EN143 fitted with P-SL filter if exposure to high levels of material is likely..</p> <p>Skin protection - Laboratory coat or overalls.</p> <p>Eye protection - Chemical goggles or full face visor.</p> <p>Hand protection - Latex, Nitrile or Butyl rubber gloves (break-through times can vary depending on thickness, use and source. Change gloves regularly).</p> <p>General hygiene - Do not eat, drink, or smoke while using this product. Immediately take off any contaminated clothing and launder before re-use. Wash hands and / or face before breaks and at the end of the shift.</p>
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**9. Physical and Chemical Properties:**

<b>Appearance:</b>	Uniform yellow liquid
<b>Odor:</b>	No discernable odor
<b>Odor Threshold:</b>	Not applicable .
<b>pH: (1% solution)</b>	5-5.5%
<b>Melting Point/Freezing Point:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Flash Point:</b>	> 100°C
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability/Limits:</b>	Result: ≤ 100 °C
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Relative Density:</b>	1.055 - 1.065
<b>Solubility (H<sub>2</sub>O):</b>	Dispersable
<b>Partition Coefficient:</b>	No data available
<b>Auto-Ignition Temperature:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	<p>At 20°C – 124mPas @100sec-1, 312.7mPas@10sec-1</p> <p>At 40°C – 110.1mPas @100sec-1, 423.6mPas@10sec-1</p>

**10. Chemical Stability and Reactivity Information:**

<b>Reactivity:</b>	Stable product under recommended storage and handling conditions.
<b>Chemical Stability:</b>	Stable for 3years under recommended storage and handling conditions
<b>Possibility of Hazardous Reactions:</b>	Stable product under recommended storage and handling conditions.
<b>Conditions to Avoid:</b>	Protect from high temperatures.
<b>Incompatible Materials:</b>	Avoid accidental contact with strong alkaline solutions or oxidizing materials.
<b>Hazardous Decomposition Products:</b>	None known.

**11. Toxicological Information:**

<b>Likely Routes of Exposure:</b>	Contact with skin and eyes or by inhalation of spray.
<b>Symptoms:</b>	<p>Inhalation: Studies have revealed no observable abnormalities</p> <p>Eye: Irritation, reversible after 17days</p> <p>Skin: minimal irritation</p> <p>Ingestion: No information available</p>
<b>Acute Toxicity:</b>	<p>Oral: LD<sub>50</sub> Rat &gt;2000 mg/kg (EPA Cat III)</p> <p>Inhalation: LC<sub>50</sub> Rat &gt;2.1 mg/l (EPA Cat IV)</p> <p>Dermal: LD<sub>50</sub> Rabbit &gt;2000 mg/kg (EPA Cat III)</p>
<b>Skin Corrosion/Irritation:</b>	Moderate to Severe skin irritation (EPA Cat II)
<b>Serious Eye Damage/Eye Irritation:</b>	Irritating to eyes (EPA Cat II)

<b>Sensitization:</b>	Non-sensitizing (LLNA)
<b>Germ Cell Mutagenicity:</b>	None (active ingredient)
<b>Carcinogenicity:</b>	None of the components of this product are listed as carcinogens by NTP, IARC or OSHA.
<b>Reproductive/Developmental Toxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	Single Exposure: No data available Repeated Exposure: No data available

**12. Ecological Information:**

**Ecotoxicity:** Not tested, but expected to be hazardous to the environment based on classification of individual components.

Species:	Exposure Time	LC50/EC50/IC50
No data available		
<b>Persistence and Degradability:</b>	No data available	
<b>Bioaccumulation Potential:</b>	No data available	
<b>Mobility in Soil:</b>	No data available	
<b>Other Adverse Effects:</b>	None known	

**13. Disposal Considerations:**

<b>Disposal Instructions:</b>	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. 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 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:**

<b>UN Proper Shipping Name:</b>	Not applicable
<b>Hazard Class:</b>	Not applicable
<b>UN Number:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Marine Pollutant:</b>	Not applicable
<b>NMFC Number/Class:</b>	101685/065 Plant growth inhibitor, modifier or regulator, NOIBN

**15. Regulatory Information:**

**SARA:** No listed components

**CERCLA:** No components reportable

**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
None Listed							

**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:** WARNING

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

<b>Precautionary Statements:</b>	<b>HAZARDS TO HUMANS AND DOMESTIC ANIMALS</b> <b>WARNING.</b> Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
<b>Pictograms/Symbols:</b>	None
<b>16. Other Information:</b>	
<p>WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY</p> <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 including 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>	
<b>Issue Date/Version:</b>	6/4/24 version 1.2
<b>Supersedes:</b>	1.1