

## SAFETY DATA SHEET

<b>1. Identification:</b>		
<b>Product Identifier:</b>	Karbicare 85 SG	
<b>Other Means of Identification:</b>	EPA registration number 99765-1-82917	
<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>	FUNGICIDE for professional use on crops per official label– Water soluble granule (SG)	
<b>Restrictions on Use:</b>	Keep out of reach of children	
<b>2. Hazard(s) Identification (This product is not classified as hazardous as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):</b>		
<b>Class/Category:</b>	Not Classified	
<b>Route of Exposure:</b>	Most likely exposure routes are dermal and oral.	
<b>Hazards Not Otherwise Classified:</b>	None known	
<b>Signal word:</b>	None	
<b>Symbol(s):</b>	None	
<b>Hazard Statements:</b>	None assigned	
<b>Precautionary Statements:</b>	Prevention: – Do not get in eyes, on skin, or on clothing. Prevention: – Wear protective gloves and clothing. Response: None assigned Storage: None assigned Disposal: – Dispose of contents/container in accordance with local and national regulation.	
<b>3. Composition: (Components classified as hazardous under 29 CFR 1910.1200)</b>		
This product contains the following components classified as hazardous under 29 CFR 1910.1200		
<b>CAS number:</b>	<b>Component:</b>	<b>Percent:</b>
151-21-3	Sodium Lauryl Sulphate	<15%
577-11-7	Docusate Sodium	<15%
The remainder of the mixture is not required to be disclosed by 29 CFR 1910.1200.		
<b>4. First Aid Measures:</b>		
<b>Inhalation:</b>	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	
<b>Eyes:</b>	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.	
<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>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 do so by a poison control center or doctor. Do not give anything to an unconscious person.	
<b>Symptoms/Effects:</b>	Acute: No available information Delayed: No available information	
<b>Indication of immediate medical attention and special treatment needed, if necessary:</b>	No available information	
<b>5. Fire Fighting Measures:</b>		

Extinguishing Media:	Suitable: Water mist, CO <sub>2</sub> , foam or dry chemical Unsuitable: High power water jet			
Specific Hazards Arising from the Chemical:	Avoid inhalation of combustion products. High temperature decomposition would be expected to liberate hydrogen chloride and alkylamines.			
Protective Equipment and Precautions for Firefighters:	Wear full protective clothing and self-contained breathing apparatus.			
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:	Clean up spill immediately. Absorb spill with inert material (such as dry sand or earth), the place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with addition absorbent and place in a chemical waste container.  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 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:	Do not contaminate water, food or feed by storage or disposal. Keep containers tightly closed when not in use. Store in cool, dry place. Protect from temperatures below 32°F. This product may freeze. If freezing should occur, thaw and shake gently to mix the product. Do not store diluted product. Store in original container. Do not store below freezing temperatures.  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		
No component listed	-	-	-	-
Appropriate Engineering Controls:	No applicable information available.			
Personal Protective Equipment:	Eyes/Face: No applicable information available. Skin: Long-sleeved shirt and long pants. Shoes plus socks. Respiratory: No applicable information available.			
9. Physical and chemical properties:				
Appearance:	White solid free flowing granule			
Odor:	No data available			
Odor Threshold:	No data available			
pH:	8.72			
Melting Point/Freezing Point:	Decomposes without melting at >156 °C ( potassium Bicarbonate)			
Boiling Point:	N/A			
Flash Point:	N/A			
Evaporation Rate:	N/A			
Flammability/Limits:	Not highly flammable LFL: not applicable			

	UFL: not applicable	
Vapor Pressure:	N/A	
Vapor Density:	N/A	
Relative Density:	N/A	
Solubility (H <sub>2</sub> O):	Water – 332 g/L ( potassium Bicarbonate)	
Partition Coefficient:	N/A	
Auto-Ignition Temperature:	No data available	
Decomposition Temperature:	>156 °C	
Viscosity:	N/A	
10. Chemical Stability and Reactivity Information:		
Reactivity:	Stable under normal condition of use.	
Chemical Stability:	Stable at ambient temperature and under normal condition of use.	
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.	
Conditions to Avoid:	Avoid extreme temperatures and direct sun exposure.	
Incompatible Materials:	No applicable information available	
Hazardous Decomposition Products:	Thermal decomposition may emit carbon dioxide, oxides of sulphur, and potassium oxide.	
11. Toxicological Information:		
Likely Routes of Exposure:	Most likely exposure by dermal or oral route	
Symptoms:	Inhalation: No data available Eye: mild, not sufficient for classification Skin: Non-irritant Ingestion: No data available	
Acute Toxicity:	Oral: LD <sub>50</sub> Rat 2064 mg/kg (EPA category III)	
	Inhalation: LC <sub>50</sub> Rat 4.88 mg/l (EPA category IV)	
	Dermal: LD <sub>50</sub> Rat >2000 mg/kg (EPA category IV)	
Skin Corrosion/Irritation:	Non-irritant (EPA category IV)	
Serious Eye Damage/Eye Irritation:	Mild, not sufficient for classification (EPA category IV)	
Sensitization:	Non-sensitizing	
Germ Cell Mutagenicity:	No data available	
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: Based on available date, this product is not considered hazardous to the environment.		
Ecotoxicity:		
Species:	Exposure Time	LC50/EC50/IC50
Fish (bluegill Sunfish and Rainbow Trout)	96 hr	LC50 >1200 mg/l
Daphnia	48 hr	EC50 >860 mg/l
Algae	72 hr	No Data
Bees – This product is non-toxic to bees	48 hr	NoData
Persistence and Degradability:		Not Persistent. Readily Biodegradable
Bioaccumulation Potential:		Not Relevant
Mobility in Soil:		Very Low
Other Adverse Effects:		No Data
13. Disposal Considerations:		
Disposal Instructions:		Do not dispose waste or remains together with domestic waste, do not empty into sink or toilet, hand over to hazardous waste disposers. Disposal must be made according to official regulations.

	Not completely emptied packaging is to be disposed of is to be disposed of in the same manner as the product.						
<b>14. Transport Information:</b>							
<b>UN Proper Shipping Name:</b>	Not applicable						
<b>Hazard Class:</b>	Not applicable						
<b>UN Number:</b>	Not applicable						
<b>Packaging Group:</b>	Not applicable						
<b>Marine Pollutant:</b>	Not applicable						
<b>NMFC number/class:</b>	101685/065 Plant growth inhibitor, modifier or regulator NIOBN						
<b>15. Regulatory Information:</b>							
<b>SARA:</b> No reportable components							
<b>CERCLA:</b>	N/A						
<b>TSCA:</b>	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						
<b>Component Analysis – State:</b> The following components appear on one or more of the following state hazardous substances lists:							
<b>Component</b>	<b>CAS</b>	<b>CA</b>	<b>MA</b>	<b>MN</b>	<b>NJ</b>	<b>PA</b>	<b>RI</b>
		-	-	-	✓	-	-
		✓	-	-	✓	✓	-
<b>California Prop 65:</b>		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.							
<b>EPA signal word:</b>	CAUTION						
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>CAUTION</b> Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.						
<b>Pictograms/Symbols:</b>	None						
<b>16. Other Information:</b>							
<p>Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on the product 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 the product 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 the product 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>	9/19/22 / Version 1						
<b>Supersedes:</b>	None –first issue						

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