

# Material Safety Data Sheet

May be used to Comply with  
OSHA's Hazard Communication Standard 29 CFR 1910.  
Standard must be consulted for specific requirements

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

## Identity (As Used On Label and List)

9740	WAVE - AUTO DISH POWDER	NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I—Manufacturer's Name (Address, Street, City, State, & Zip Code)	HAZARD RATING		
<b>Earth Friendly Products</b> <b>44 Green Bay Road</b> <b>Winnetka, IL 60093</b>	Emergency Telephone Number INFOTRAC 1-800-535-5053	HEALTH 1	0 - Minimal 1 - Slight
	Telephone Number for Information (630) 595-1900	FLAMMABILITY 0	2 - Moderate
	Date Prepared	REACTIVITY 0	3 - Serious
	Revised: 10/23/03	Protective Equipment: Safety Glasses	4 - Extreme

Section II—Hazardous Ingredients / Identity Information	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hazardous Components (Specify Chemical Identity, Common Names)				
Sodium Carbonate CAS# 497-18-8	15 mg/m3	10 mg/m3	N/A	
Sodium Gluconate F.C.C. CAS# 527-07-1 Nuisance Dust	N/A	15 mg/m3 total 5 mg/m3 respirable	N/A	
Sodium Perborate Tetrahydrate CAS# 10486-00-7 Sara Title III, Section 311	N/A	N/A	N/A	
Polycarboxylic Acid, Sodium Salt CAS# 68479-09-4 Sara Title III, Section 311/312	none	none	N/A	

## Section III—Physical Chemical Characteristics

Boiling Point	N/A	Specific Gravity (WATER =1)	N/A
Vapor Pressure	N/A	Melting Point	882 deg. C
Vapor Density	N/A	Evaporation Rate	N/A
Solubility in Water	almost complete		
Appearance and Odor	white powder with surfactant odor		

## Section IV—Fire and Explosion Hazard Data

Flash Point	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A

Extinguishing Media  
Methods suitable for surrounding fire, water spray

Special Fire Fighting Procedures  
NIOSH approved self-contained breathing apparatus and protective clothing. Prevent contamination of water sources.

Unusual Fire and Explosion Hazards  
Avoid high concentrations of dust in air.

**Section V—Reactivity Data**

Stability	Unstable	Conditions to Avoid		
		Extreme heat, moisture, reducing agents and combustible materials		
	Stable			
	X			
Incompatibility (Materials to Avoid)	Aluminum, magnesium, acids			
Hazardous Decomposition or Byproducts	Oxides of sulfur and sodium oxide when heated to decomposition. Carbon dioxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid	None
	Will Not Occur	X		

**Section VI-Health Hazard Data**

Route(s) of Entry:	Inhalation?	yes	Skin?	yes	Ingestion?	No
Health Hazards (Acute and Chronic)						
Acute: Inhalation: Irritation of nose, throat, lungs Eyes: Irritation, redness Skin: Irritation, redness Ingestion: may cause nausea, diarrhea, irritation of mucous membranes						
Chronic: None known.						
Carcinogenicity:	NTP?	No	IARC Monographs?	No	OSHA Regulated?	No

Signs and Symptoms of Exposure	Eyes & Skin: irritation, redness Inhalation: upper respiratory tract irritation, lung irritation	Ingestion: nausea, vomiting, diarrhea
Medical Conditions Generally Aggravated	Prolonged inhalation may aggravate chronic respiratory problems. Prolonged skin contact may aggravate existing skin disease.	
Emergency and First Aid Procedures	Eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists. Skin: Wash with soap and water. Seek medical attention if irritation persists. Inhalation: Remove to fresh air. Seek medical attention if breathing is difficult. Ingestion: Give several glasses of water to dilute. Seek medical attention if large amounts were swallowed or if symptoms persist.	

**Section VII-Precautions For Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled	Shovel up for disposal into appropriate containers. Remove ignition sources. Keep out of sewers and waterways.
Waste Disposal	In accordance with local, state and federal regulations.
Precautions to be Taken in Handling and Storage	Keep containers closed. Store in dry area away from heat and moisture. Do not get in eyes or breath dust. Avoid prolonged skin contact.
Other Precautions	Keep out of reach of children.

**Section VIII—Control Measures**

Respiratory Protection (Specify Type)	None		
Ventilation	Local Exhaust	None	Special
	Mechanical (General)	None	Other
Protective Gloves	none	Eye Protection	None
Other Protective Clothing or Equipment	none	Work / Hygienic Practices	None