

MATERIAL SAFETY DATA SHEET

Product:	MZ-21	<i>Note: The information herein is given in good faith. No warranty, expressed or implied, is made.</i>	
Printed:			
Printed For:			
Original Issue Date:	11/14/85	Approved By:	Chuck Hiddema
Revision No. 2 Date:	07/30/01		V.P. Technical Operations
Section I - Identification			
Manufacturer:	AGS Company		
Street Address:	2651 Hoyt St		
City/State/Zip	Muskegon Hts., MI 49444		
Phone:	800-253-0403		
Phone:	231-733-2101		
FAX:	231-733-1784		
Transportation Emergency:	CHEM-TEL		
Phone:	800-255-3924		
Trade Name:	Mr. Zip Graphite		
Catalog No.:	MZ-21		
Common Name:	Graphite		
Container/Size:	50 gm.		
NFPA - Health:	0		
Flammability:	1		
Reactivity:	1		
Specific Hazard:			
HMIS - Health:	0		
Flammability:	1		
Reactivity:	1		
Protective Equipment:	A		
Section II - Hazardous Ingredients			
Hazardous Ingredient	CAS No.	Wgt. %	TLV
1 Graphite, Natural	7782-42-5	100%	15 ppm
2			
3			
4			
5			
6			
7			
8			
9			
10			
NOTES:			

Section III Physical Data			
pH - Supplied:	Not Applicable		
pH - Diluted:	Not Applicable		
Water Solubility:	Insoluble		
Specific Gravity:	(Water=1) 2.1		
Melting Point:	Not Known		
Boiling Point:	Not Applicable		
% Volatiles:	Not Applicable		
Vapor Pressure:	Not Applicable		
Vapor Density:	Not Applicable		
Evaporation Rate:	Not Applicable		
Appearance:	Grayish black powder, no odor.		
Section IV Fire & Explosion Data			
Flash Point:	Not Applicable		
Method:			
Auto Ignition Temperature:	Not Applicable		
Flammable Limits In Air	LEL: Not Determined		
	UEL: Not Determined		
Extinguishing Media:	Not Applicable		
Special Procedures:	Not Applicable		
Unusual Hazards:	Not Known		
Section V - Reactivity Data			
Unstable and/or Auto Reactive:	None Known		
Incompatible Materials:	None Known		
Hazardous Decomposition Products:	Oxides of carbon.		
Section VI - Emergency First Aid			
Eyes:	Flush with water for at least 15 minutes. Get medical attention.		
Skin:	Wash with soap & water.		
Ingestion:	Not known. Consult a physician.		
Inhalation:	Remove to fresh air. Persons with chronic exposures should have regular medical examination.		
Section VII - Health Effects			
Eyes:	May cause irritation.		
Skin:	None known.		
Ingestion:	None known.		
Inhalation:	Exposure may cause lung deterioration and cardiovascular changes.		
Other Effects:	Inhalation symptoms include headache/coughing/depression/decreased appetite/dyspnea/production of black sputum.		

Section VIII - Ventilation and Protective Measures			
Ventilation Requirement:	Local exhaust acceptable to maintain concentration below TLV.		
Eyes:	Yes		
Gloves:	No		
Clothing:	No		
Respiratory:	Yes		
Other:	Eye wash in work area.		
Section IX - Storage and Handling Procedures			
Conditions to Avoid:	Avoid generating dust in air.		
Section X - Spill Procedures and Waste Disposal			
Spill Procedure:	Vacuum up and place in container for disposal.		
Disposal Method:	Removal by an approved, licensed waste hauler.		
EPA Waste I.D. NO.:	Not Reg.		