



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
55-555-55

Product Name: Orthochrome Alginate

Release Date: April 3, 2006

1. Product and Company Identification

Trade Name & Synonyms Alginmax	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number 9005-38-3	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Sodium Alginate	9005-38-3	NA	16
Sodium phosphate	7722-88-5	NA	2
Magnesium oxide	1309-48-4	NA	9
Magnesium carbonate	39409-82-0	NA	6
Calcium sulfate	10101-41-4	NA	11
Potassium fluoride	NA	NA	2
Diatomaceous earth	NA	NA	52
TWA/TLV : N/A			

3. Hazard Identification

Emergency Overview NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure Avoid dust formation. If it does so occur, go out to fresh air.					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush with water.	NA	NA
Skin	Wash with water and soap.	NA	NA
Inhalation	NA	NA	NA
Ingestion	Drink a lot of water. If nausea persists see a physician.	NA	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
55-555-55

Product Name: Orthochrome Alginate

Release Date: April 3, 2006

5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/A	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity-NA	
Extinguishing Media Foam, dry chemical water spray		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Treat as a class A fire.			
Unusual Fire and Explosion Hazards None			

6. Accidental Release Measures

Containment Techniques Dispose in regular garbage disposal.
Spill/Leak Clean-Up Procedures and Equipment Sweep floor to avoid slippery situations.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Avoid formation of dust when using products.
Storage Practices and Warnings (°C / °F). Storage temperature: Indoor. Keep in a cool place. Open container can cause contamination.

8. Exposure Control/Personal Protection

Ventilation Not necessary.	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Eye protection: Use regular goggles.	NA
Skin	Protective gloves: Not necessary	NA
Inhalation	Use regular mask if exposed for many hours.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Not necessary.		



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
55-555-55

Product Name: Orthochrome Alginate

Release Date: April 3, 2006

9. Physical and Chemical Characteristics

Appearance Fine powder		Odor Spearmint -vanilla
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / °F <u>N/A</u> Melting Point °C / °F <u>N/A</u> Freezing Point °C / °F <u>N/A</u>
Specific Gravity or Density (H₂O=1) NA	Solubility in Water Negligible	pH NA
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) 0.4	Evaporation Rate (Butyl Acetate = 1) NA
Other Viscosity: N/A % Volatile (by weight) NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) NA	
Hazardous Products Produced During Decomposition Carbon monoxide	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F Direct flame
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F NA

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data None
--

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA

13. Disposal Considerations

Regulations Waste disposal method: Handle like any dust or dirt.
Properties (Physical/Chemical) Affecting Disposal NA



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
55-555-55



Product Name: Orthochrome Alginate

Release Date: April 3, 2006

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Orthochrome alginate	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class NA	Identification Number NA
Other NA		

15. Regulatory Information

Federal Regulations NA
International Regulations NA
Other NA

16. Other Information

Supplier Number: 39/55	Supplier Release: January 1, 2003
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.	