



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
608247

Product Name: JELTRATE

Release Date: February 23, 2007

1. Product and Company Identification

Trade Name & Synonyms Jeltrate®	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	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 limits	OSHA PEL		ACGIH TLV	Other	C.A.S. Number	Exposure Limits	%
	(mg/m3)	(mg/m3)	(mg/m3)	(mg/m3)			
Amorphous silica-Diatomaceous earth 6	1.2			10	NA	NA	NA
Crystalline silica-Cristobalite	0.05	0.05	0.2		NA	NA	NA
Tetrasodium Pyrophosphate	5	5			NA	NA	NA
Potassium Alginate	15	10			NA	NA	NA

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	May temporarily irritate the eyes.	NA	NA	NA	NA
Skin No	NA	NA	NA	NA	NA
Inhalation Yes	Congestion and irritation of the throat, nasal passages and upper respiratory system.	NA	NA	Respirable dust from this product may contain up to 40% free crystalline silica (Cristobalite). As such it represents a risk to the respiratory system. Long term, unprotected exposure to dust levels in excess of the TLV or PEL may cause lung disease. (Silicosis).	NA
Ingestion Yes	Not hazardous when ingested.	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure Pre-existing upper respiratory and lung diseases such as but not limited to bronchitis, emphysema, and asthma.					
Carcinogenicity (IARC, NTP) NTP?: Proposed. IARC Monographs?: Probably (2a) OSHA Regulated?: Yes					
Potential Environmental Effects NA					



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4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush with copious amounts of water for 15 minutes.	NA	NA
Skin	NA	NA	NA
Inhalation	Drink water to clear throat and blow nose. Remove to fresh air.	NA	NA
Ingestion	NA	NA	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			

5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	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 NA	Extinguishing Media to Avoid		
Protection and Procedures for Firefighters NA			
Unusual Fire and Explosion Hazards In common with most organic materials, this product should be treated as a combustible dust in the finely divided and suspended state.			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Sweep up spilled material and place in closed containers for disposal.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Observe normal warehousing procedures.
Storage Practices and Warnings (°C / °F). Store away from foodstuffs and beverages. Other precautions: The avoidance of any air contaminant is always a recommended practice. Adherence to work place ventilation standards is an assurance of general personal health and comfort.



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8. Exposure Control/Personal Protection

Ventilation Local exhaust required with mechanical ventilation recommended.		Other Engineering Controls NA
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Safety glasses	NA
Skin	Rubber gloves.	NA
Inhalation	Recommended NIOSH approved nuisance dust mask.	NA
General Hygiene Considerations and Work Practices Avoid dusting when in use. Observe normal care when working with chemicals.		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Rubber Apron.		

9. Physical and Chemical Characteristics

Appearance Dry fluffy powder; May be colored		Odor Spearmint odor.
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> NA(Other)		Boiling Point °C / °F NA Melting Point °C / °F NA Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) 0.3 g/cm ³	Solubility in Water Partially.	pH NA
Vapor Pressure (mm Hg @ 20°C) NA	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Hydrofluoric acid	
Hazardous Products Produced During Decomposition NA	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid Prolonged heat over 60°C / °F. High humidity.
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid Prolonged heat greater than 60°C / °F High humidity and water contamination will cause material to gel.

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

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

NA

13. Disposal Considerations

Regulations

Waste disposal method: Dispose of in accordance with federal, state and local regulations.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No NA

Proper Shipping Name

Jeltrate

Packing Group

NA

Do changes in quantity, packaging, or shipment method change product classification?

Yes No NA

Hazard Class

NA

Identification Number

NA

Other

NA

15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 2/53

Supplier Release: September 20, 1995

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.