



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
97-350-85

Product Name: Mono Etch Compules

Release Date: March 10, 2006

1. Product and Company Identification

Trade Name & Synonyms Product name: Individual patient etch	MSDS Code Number Refer to part number
Chemical Name Phosphoric acid in gel base	Manufacture / Distributor GAC International Inc.
C.A.S. Number N/A	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	%
Phosphoric acid in gel base	N/A	N/A	37

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	Acute eye contact: Corrosive irritant. Chronic eye contact: Slightly toxic; can cause burn to exposed tissue.	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	Acute inhalation: Severe irritant. Chronic inhalation: Slightly toxic can cause burn to exposed tissue.	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure None					
Carcinogenicity (IARC, NTP) N/A					
Potential Environmental Effects Potential health effects: Can be slightly toxic with prolonged contact with skin tissue.					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush eyes with water.	Get medical attention if irritation persists.	NA
Skin	Wash off with water thoroughly.	NA	NA
Inhalation	Flush thoroughly with water.	NA	NA
Ingestion	Immediate dilution with water; milk or demulcents- don't neutralize with base nor induce vomiting.	NA	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F Non-flammable	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity-NA	
Extinguishing Media N/A		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters None			
Unusual Fire and Explosion Hazards NA			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Decontamination procedures- Wash with copious water.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings N/A
Storage Practices and Warnings Storage temperature: <120°F. Shelf life: 2years. Special sensitivite: None. Handling/ storage precautions: N/A. Other Notes: N/A

8. Exposure Control/Personal Protection

Ventilation Adequate ventilation practice	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	None required	NA
Skin	None required	NA
Inhalation	None	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment None		



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9. Physical and Chemical Characteristics

Appearance Liquid/ Gel in appearance. Color: Green		Odor Odorless
Normal Physical State: <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point <u>130-158 °C / °F</u> Melting Point <u>17.5 °C for 75%; +21 °C FOR 85%.</u> Freezing Point <u>17.5 °C for 75%; +21 °C FOR 85%.</u>
Specific Gravity or Density (H₂O=1) 1.5-1.7	Solubility in Water Infinite	pH N/A
Vapor Pressure (mm Hg @ 20°C) Non-volatile	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other Bulk density: N/A. % Volatile by volume: Non-volatile.		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Reactive metals (mild steel and aluminum). Bases reaction with reactive metals may produce flammable/explosive fumes.	
Hazardous Products Produced During Decomposition Hydrogen-air mixtures. All flame temps. Will emit toxic phosphorus oxide fumes.	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F NA
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 Available upon request.

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements N/A
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13. Disposal Considerations

Regulations Waste disposal method: In accordance to federal, state or local regulations.
Properties (Physical/Chemical) Affecting Disposal NA



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14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Mono etch compules	Packing Group N/A
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class N/A	Identification Number N/A
Other Freight class bulk: N/A. Freight class package: N/A Product label: N/A. Hazard class division number: N/A		

15. Regulatory Information

Federal Regulations SARA TITLE III: SECTION 302 Extremely hazardous substances: None. SECTION 311/312. Hazard categories: None. SECTION 313. Toxic chemicals: None. RERA STATUS: Non-hazardous.
International Regulations NA
Other HMIS RATINGS: Health 0 Flammability 0 Reactivity 0 0= Minimal. 1=Slight 2= moderate 3= Serious 4= Severe

16. Other Information

Supplier Number: 31/97 Supplier Release: January 7, 2003 Rev: 1 N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.
