

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Information

Product #: 2715
 Product Name: bright pac Lime Remover
 Product Use: Lime Remover
 Distributor Name: Midlab, Inc.
 Distributor Address: 232 Industrial Park Road
 Sweetwater, TN 37874
 Emergency Phone #: 1-800-535-5053 Instate 24 hours
 Date Prepared/Updated: 8-10-07
 Hazardous Material Information System (HMIS)

Health: 1
 Fire Hazard: 0
 Reactivity: 0
 Precautionary Label Statements: Caution

Section 2. Composition and Information on Ingredients		
Ingredients	CAS#	%
Citric Acid	77-92-9	80-90
Monosodium Phosphate	7558-80-7	10-20
		Exposure Limits Not Listed 15mg/m³

Section 3. Hazards Identification
 Route of Entry: Skin and Inhalation
 Potential Acute Health Effects: Irritation of skin or respiratory system

Section 4. First Aid Measures
 Eye Contact: Flush immediately with water for 15 minutes being careful to flush behind the eyelids. Seek medical attention if irritation persists or develops.
 Inhalation: No harmful effects expected. If symptoms develop seek medical attention.
 Skin Contact: No harmful effects expected. Prolonged or repeated contact may dry skin and cause irritation.
 Ingestion: Immediately drink plenty of water. If discomfort persists, get medical attention.

Section 5. Fire Fighting Measures
 Flashpoint: Not Applicable
 Fire Fighting Media and Instructions: Extinguish with water spray or carbon dioxide; dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
 Unusual Fire and Explosion Hazards: None known

Section 6. Accidental Release Measures
 Personal Precautions: Put on appropriate personal protective equipment (see section 8).
 Environmental Precautions: In the event of major spillage, use appropriate containment to avoid environmental contamination. Collect spilled material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean up.

Section 7. Handling and Storage
 Handling: Avoid contact with skin.. Use appropriate hygiene methods when handling product. For industrial use only.
 Storage: Store in a cool well ventilated area. Keep out of reach of children

Section 8. Exposure Controls & Personal Protection:
 Engineering Controls: None usually needed. General room ventilation is adequate
 Personal Protection: No special requirements under normal use conditions
 Eyes: No special requirements under normal use conditions
 Hands: No special requirements under normal use conditions
 Respiratory: No special requirements under normal use conditions. Avoid breathing dust.
 Additional Measures: None specified
 Listed Carcinogen: No ingredients listed by NTP, IARC or OSHA Subpart Z.
 Medical Condition Aggravated: Persons with pre-existing skin or lung disorders may be susceptible to irritating effects

Section 9. Physical and Chemical Properties

Fragrance: None
 Appearance: White Powder
 Color: White
 pH (1%): 2.5-3.0
 Specific Gravity: 1.01
 Boiling/Condensation Point: Not Applicable
 Melting/Freezing Point: Not Applicable
 Solubility in Water: Moderate at 25°C

Section 10. Stability and Reactivity
 Stability and Reactivity: Stable
 Conditions of Instability: None Known
 Incompatibility with Various Substances: None Known
 Decomposition Products Hazardous Polymerization: When exposed to fire: Produces normal products of combustion.

Section 11. Toxicological Information
 Effects of Chronic Exposure: None Known

Section 12. Ecological Information None Known
Section 13. Disposal Considerations
 Waste: Dispose of all wastes according to all federal, state and local legislation
 Information:

Section 14. Transport Information
 DOT Classification: NOI Non-Hazardous

Section 15. Regulatory Information
 Reporting in this section is based on ingredients disclosed in Section 2

U.S. Regulation
 Federal: Not Regulated
 State: Not Regulated
 Registered Product Information: Not registered

Same Section 313: Toxic Release Inventory Reporting
 None Present

Same Section 312:
 Registered Product Information: None Present

Section 16. Other Information

Other Special Considerations: None reported

Manufacturer: Midlab, Inc.
 Address: 232 Industrial Park Road
 Sweetwater, TN 37874

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