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Material Safety Data Sheet

QUICK IDENTIFIER (In Plant Common Name)
LIME SOLVENT
HMIS Rating
H-2 F-0 R-0

Manufacturer's Name
Galaxy Chemical Co., Inc.
Address
1620 S. Canal Street
Chicago, IL 60616

Emergency Telephone No. 312/829-3854
Other Information Calls
Poison Control Center
Date Prepared
8-25-90 (2nd Revision)

Signature of Person Responsible for Preparation
David Gasper

SECTION 1 - IDENTITY

Common Name (used on label)
(Trade Name & Synonyms)
MULE-KICK LIME TAMER

Gas No.
DNA
Chemical Family
Acid

Chemical Name
DNA

Formula
Phosphoric Acid Solution (Cat. # 138446)

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	%	Threshold Limit Value (unit)
Phosphoric Acid (CAS 7664-38-2)	20 to 30	1 mg/M ³

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point 220 °F	Specific Gravity (H ₂ O=1) 1.13	Vapor Pressure (mm Hg) ≤10 @ 20 °C
Percent Volatile by Volume (%) 70-80	Vapor Density (Air = 1) ≥1	Evaporation Rate (H ₂ O = 1) 0.4
Solubility in Water Complete	Reactivity in Water Not reactive	
Appearance and Odor Clear blue liquid - faint sweet odor.		

Flash Point None	Flammable Limits in Air % by Volume Lower DNA Upper	Extinguisher Media Suitable to fire.	Auto-ignition Temperature DNA
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Special Fire Fighting Procedures
Use full protective equipment and self contained breathing apparatus.

Unusual Fire and Explosion Hazards
Thermal decomposition emits toxic fumes of oxides of phosphorus.

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SECTION 4 - PHYSICAL HAZARDS

Stability (Variable) Conditions
Stable to Avoid

Incompatibility (Materials to Avoid) Alkaline materials, oxidizing agents, contact with reactive metals will produce hydrogen.

Inert/Decomposition Products Phosphorus oxide fumes.

Hazardous Polymerization May Occur Conditions
Will Not Occur to Avoid

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value Not determined.

Signs and Symptoms of Exposure 1. Acute Overexposure Severe irritant to eye, skin, mucous membranes.

2. Chronic Overexposure Slightly toxic with repeated inhalation or ingestion.

Medical Conditions Generally Aggravated by Exposure Unknown.

Chemical listed as Carcinogen or Potential Carcinogen	No <input checked="" type="checkbox"/>	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
OSHA Permissible Exposure Limit	3 mg/M ³	ACGIH Threshold Limit Value	3 mg/M ³	Other Exposure Limit Used			

Emergency and First Aid Procedures

1. Inhalation

Remove from exposure, get medical aid if breathing is difficult.

2. Eyes

Flush with water for 15 min. Seek medical aid if irritation persists.

3. Skin

Flush with water.

4. Ingestion

Rinse mouth with water. Give fluids. Do not induce vomiting. Get medical aid.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Not normally required.

Ventilation Local Exhaust Mechanical (General) Special Other

Protective Gloves Rubber, Neoprene. Eye Protection Chemical goggles or face shield.

Other Protective Clothing or Equipment Rubber boots and apron when contact is likely.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Keep from freezing. Keep container closed when not in use.

Keep away from children.

Other Precautions Mix only with water. Read and understand label directions prior to use.

Do not reuse container.

Steps to be Taken in Case Material is Released or Spilled Confine spill. mop up with water.

Waste Disposal Methods In accordance with all local, state and federal regulations.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.