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MATERIAL SAFETY DATA SHEET

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NATIONAL SANITARY SUPPLY CO.
13217 S. Figueroa Street
Los Angeles, California 90061
Emergency No. 1-800-535-5053 (INFOTRAC)

SECTION 1. IDENTIFICATION OF PRODUCT

Product Name: D-LIME SOLVENT

Date Issued: 09/14/92
Supercedes: 07/16/92
National Item#: 1428XX

SECTION 2. INGREDIENTS CAS NUMBER PERCENT EXPOSURE LIMITS IN AIR
OSHA PEL ACGIH TLV OTHER

INGREDIENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV	OTHER
*PHOSPHORIC ACID	7664-38-2	30.00	1 mg/m3	1 mg/m3	
CITRIC ACID	77-92-9	1-5%	NOT ESTABLISHED		
WATER		>65.00			

N/A = Not Applicable; N/D = Not Determined

*THESE MATERIALS ARE SUBJECT TO THE REPORTING REQUIREMENTS UNDER SARA
TITLE III, SECTION 313 AND 40 CFR PART 372.

SECTION 3. PHYSICAL DATA

Boiling Point (F): > 212
Vapor Pressure (mm Hg.): < 17
Vapor Density (Air=1): N/D
Solubility in Water: SOLUBLE
Appearance and Odor: BLUE GREEN/ PUNGENT SCENT

Specific Gravity (Water=1): 1.2
Percent Volatile (By Volume): > 95
Evaporation Rate (Water=1): > 1
pH Range: < 1.0

Section 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method): NON FLAMMABLE
Flammable Limits: LEL= N/A UEL= N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A

SECTION 5. REACTIVITY DATA

Stability: STABLE
Incompatibility - Materials to Avoid: ALKALINE MATERIALS, NON RESISTANT METALS THAT CAN DECOMPOSE TO EMIT OXIDES OF PHOSPHOROUS.
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: DO NOT MIX THIS PRODUCT WITH OTHER CHEMICALS OR PRODUCTS. AVOID USING SODIUM HYPOCHLORITE (BLEACH) OR ANY KIND OF BLEACH WITH THIS PRODUCT.
Hazardous Decomposition Products: N/D

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SECTION 6. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill Response: DIKE AREA TO CONTAIN SPILL TO PREVENT DISCHARGE TO THE ENVIRONMENT. NEUTRALIZE CAUTIOUSLY WITH SODIUM BICARBONATE (BAKING SODA). DILUTE WITH WATER AND PICK-UP WITH MOP AND PAIL OR WET PICK-UP VACUUM.

Product Disposal: FLUSH SEWER IF ALLOWED BY LOCAL, STATE, AND FEDERAL REGULATIONS.

Container Disposal: DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE EMPTY CONTAINER THOROUGHLY WITH WATER AND DETERGENT AND DISCARD IN REGULAR TRASH COLLECTION IF ALLOWED BY LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 7. HEALTH HAZARD DATA

Symptoms of Overexposure for:

Eye Contact: CORROSIVE TO THE EYES AND MAY CAUSE SEVERE DAMAGE.

Skin Contact: DERMAL CONTACT IS EXPECTED TO BE THE PRIMARY ROUTE OF OCCUPATIONAL EXPOSURE TO THIS PRODUCT. THIS PRODUCT IS CORROSIVE TO THE SKIN IN ITS CONCENTRATED FORM, AND MAY NOT PRODUCE AN IMMEDIATE BURNING SENSATION UPON SKIN CONTACT, DELAYING THE AWARENESS OF THE WORKER THAT CONTACT HAS OCCURED. CAUTION SHOULD ALWAYS BE USED WHEN HANDLING THIS PRODUCT EVEN IN ITS RECOMMENDED DILUTIONS. OCCUPATIONAL EXPOSURE TO THIS PRODUCT HAS NOT BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN RECOMMENDED SAFETY PRECAUTIONS ARE FOLLOWED.

Inhalation: THIS PRODUCT IS NOT EXPECTED TO PRESENT A SIGNIFICANT INHALATION HAZARD UNDER NORMAL CONDITIONS. THIS PRODUCT, HOWEVER, CAN BE IRRITATING TO THE RESPIRATORY TRACT IF INHALED AS A MIST OR IF IT IS VAPORIZED.

Ingestion: THE GREATEST HAZARD IS THE CORROSIVE ACTION WHEN ENTERING THE BODY BY THIS ROUTE. SLIGHTLY TOXIC.

THE PHOSPHORIC ACID AND ACETIC ACID LISTED IN SECTION 2 IS NOT LISTED ON THE OSHA, NTP, OR IARC MONOGRAPHS CARCINOGEN LISTS.

Primary Route(s) of Entry: EYES, SKIN

Carcinogenicity: NTP, NO; OSHA REG, NO; IARC MONOGRAPHS, NO

SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: IMMEDIATELY FLUSH EYES WITH PLENTY OF FRESH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

Skin Contact: WIPE OFF ACID GENTLY. IMMEDIATELY FLOOD THE SURFACE WITH WATER USING SOAP FREELY, WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. THEN COVER AREA WITH MOIST BAKING SODA. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE.

Inhalation: MOVE PERSON TO AN UNCONTAMINATED AREA AND GIVE WATER OR MILK TO DRINK. GET MEDICAL ATTENTION.

Ingestion: REQUIRES IMMEDIATE MEDICAL MANAGEMENT. DRINK MILK OR WATER AND GET MEDICAL ADVICE. VOMITING SHOULD BE INDUCED ONLY ON RECOMMENDATION OF MEDICAL PERSONNEL.

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SECTION 9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: NONE REQUIRED
Ventilation: NORMAL VENTILATION
Protection Gloves: FOR REPEATED TIMES OF EXPOSURE WEAR IMPERVIOUS GLOVES
Eye Protection: WEAR SAFETY GLASSES
Other Protective Clothing/Equipment: NONE REQUIRED

SECTION 10. ADDITIONAL INFORMATION AND PRECAUTIONS

Handling and Storage Precautions: FOLLOW LABEL DIRECTIONS. STORE IN COOL
DRY PLACE. REPLACE CAP AFTER USE. KEEP OUT OF REACH OF CHILDREN

SARA TITLE III H&P RATINGS: Acute, YES; Chronic, NO; Fire, NO;
Press. Releas, NO; Reactive, NO;

HMIS RATING: HEALTH -3 FIRE -0 REACTIVITY -2 PERSONAL -B

NFPA RATINGS: HEALTH -3 FIRE -0 REACTIVITY -0 SPECIFIC -COR

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REPRESENTS THE LATEST
DATA AND BEST OPINION AS TO THE PROPER USE AND HANDLING OF THIS PRODUCT
UNDER NORMAL CONDITIONS. ANY USE OF THIS PRODUCT OR METHOD OF
APPLICATION WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET AND THE
PRODUCT LABEL DIRECTIONS, IS THE RESPONSIBILITY OF THE USER. THIS
MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD
COMMUNICATION REGULATION.
