

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: LOW SUDS LIME SOLVENT
PRODUCT USE: Acid Cleaner

COMPANY:
 De Vere Company, Inc.
 1923 Beloit Ave. P.O Box 8444
 Janesville, WI 53547-8444

Phone: 608 752-0576

24 Hour Emergency: 800-424-9300

ABBREVIATION KEY: N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

H.M.I.S.

| | | |
|---|------------|-------------------|
| 3 | HEALTH | 4 = Extreme |
| 0 | FIRE | 3 = High |
| 0 | REACTIVITY | 2 = Moderate |
| 0 | PERSONAL | 1 = slight |
| B | PROTECTION | 0 = Insignificant |

A = Goggles, B = Goggles & Gloves,
 C = Goggles, Gloves, & Apron

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

| HAZARDOUS CHEMICAL IDENTITY | CAS NO. | % | PEL | TLV | LD50 Oral | LC50 |
|-----------------------------|------------|------|---------|---------|------------|------|
| Gluconic Acid | 526-95-4 | 5-10 | N.E. | N.E. | 2000 mg/kg | N.E. |
| Phosphoric Acid | 7664-38-2 | 5-10 | 1 mg/m3 | 1 mg/m3 | 1530 mg/kg | N.E. |
| Nonionic Detergent | 68603-25-8 | 0-5 | N.E. | N.E. | 2400 mg/kg | N.E. |

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 and CFR 40, Part 372

SECTION 3 - PHYSICAL DATA

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| Color: Clear | Boiling Point: 212 F | Weight per Gallon: 8.9 | pH: 2 |
| Odor: Characteristic | Freezing Point: N.E. | Specific Gravity: 1.07 | |
| Physical State: Liquid | Solubility in Water: Complete | Evaporation Rate (Water=1): N.E. | |

SECTION 4 - FIRE AND EXPLOSION DATA

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| Flash Point and Method: N.A. | Autoignition Temperature: N.A. | Extinguishing Media: Water, Dry Foam, CO2 |
| Flammable Limits: N.A. | LEL: N.A. | Special Fire Fighting Procedures: Self Contained Breathing Apparatus. |
| Hazardous Combustion Products: None | UEL: N.A. | Unusual Fire and Explosion Hazards: None |

SECTION 5 - REACTIVITY DATA

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| Chemical Stability: Stable | Hazardous Decomposition of by-products: None |
| Incompatibility (Materials to Avoid): Do not mix with alkalis or other chemicals. | Hazardous Polymerization: Will Not Occur |

SECTION 6 - TOXOLOGICAL PROPERTIES

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| Routes of Entry: Eyes, Skin, Ingestion, Inhalation. | Medical Conditions Aggravated by Exposure: N.E. |
| EFFECTS OF OVEREXPOSURE (Acute and/or Chronic): | Carcinogenic Effects: None |
| Eyes: Contact with concentrate causes severe irritation and burns, may cause tissue destruction and permanent eye damage. | Mutagenic Effects: None |
| Skin: Prolonged contact with concentrate can cause irritation and burns. | Teratogenic Effects: None |
| Ingestion: Concentrate can cause burns to mouth, throat, esophagus, stomach. | Reproductive Toxicity: None |
| Inhalation: Concentrate may cause upper respiratory tract irritation. | |

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

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| Respiratory Protection: None Required With Adequate Ventilation | Ventilation: Local Exhaust |
| Protective Gloves: Rubber Gloves For Contact With Concentrate | Eye Protection: Chemical Splash Goggles If Eye Contact Possible |
| Storage Requirements: Store In A Well Ventilated Area | Work and Hygenic Practices: Never Mix Cleaning Products With Others. Prevent Contact With Skin And Eyes. |
| Steps to be Taken if Material Is Spilled or Released: Flush Small Spill To Drain Or Neutralize With Bicarbonate Of Soda Or Soda Ash. | Other Requirements: KEEP AWAY FROM CHILDREN. Do Not Reuse Empty Container. Rinse Before Disposal. |
| Waste Disposal: Neutralized Material Can Go Into Trash Collection. Dispose Of Large Spills In Accordance With Local, State And Federal Rregulations. | |

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - Call physician or Poison Control Center immediately for treatment advice. Take product container when going for medical treatment.

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| Eyes: Flush Eyes For 15 Minutes, Get Immediate Medical Attention. |
| Ingestion: Do Not Induce Vomiting. Give Large Amount Of Water, Seek Immediate Medical Attention. |
| Skin: Flush With Water For 15 minutes, Remove Contaminated Clothing. If Irritation Persists, See Physician. |
| Inhalation: Remove To Fresh Air. If Breathing Is Difficult, Seek Immediate Medical Attention. |

Note to Physician: None

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