

MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

(25L) 573-44A/G2

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|---|------------------------|
| Manufacturer's Name: Vestal Laboratories, A Division of Chemed Corporation | |
| Address: 5035 Manchester Avenue, St. Louis, Missouri 63110 | Tel. No. (314)535-1810 |
| TRADE NAME: Vestal LpH Germicidal Detergent | Product No.: 6398 |
| Synonyms: Acid Phenolic Disinfectant | VBOLC*: 1051/1052 |
| DOT Proper Shipping Name: <u>Compound Cleaning Liquid Corrosive</u> <u>Material</u> <u>NA 1760</u> | |
| STCC**: 4936515 | |

II - HAZARDOUS INGREDIENTS OF MIXTURES

| MATERIAL: | % By Wt. | TLV |
|--|----------|-----|
| Glycolic acid, 12.6%; o-benzyl-p-chlorophenol, 6.1%; p-tertiary amylphenol, 3.0%; o-phenylphenol, 0.5%. | | * |
| Inerts include surface active agents, water, and other solvents. | | |
| *TLV not established | | |

III - PHYSICAL DATA

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| Vapor Pressure, mm Hg @ 20°C | Vapor Density (Air=1) 60-90°F |
| Evaporation Rate (Ether=1) | % Volatiles by wt. @ ___°C/ ___ Hrs. |
| Solubility in H ₂ O Complete | pH @ 1:256 Solution 3.0 |
| Freezing Point °F 0 - 15°F | pH as Distributed 2.3 |
| Boiling Point °F @ 14.7 psig 212°F | Appearance Straw liquid |
| Specific Gravity H ₂ O=1 @ 25°C 1.0483 | Odor Mild and pleasant |

IV - FIRE AND EXPLOSION

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|------------------------------------|--------------------------|------------------------------|-------------|
| Flash Point °F (Closed Cup) 102°F | Autoignition Temperature | Flammable (Explosive) Limits | Upper Lower |
| Extinguishing Media | Foam, CO ₂ | | |
| Special Fire Fighting Procedures | | | |
| Unusual Fire and Explosion Hazards | | | |

V - EMERGENCY AND FIRST AID PROCEDURES

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| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. |
| Skin | In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse. |
| Inhalation | |
| Ingestion | If swallowed, do not induce vomiting, drink large quantities of fluid and call a physician immediately. |
| Overexposure Effects | LD ₅₀ 7.1 gm/kg (rats). Use-dilution slightly irritative to eyes. Conc. corrosive to skin and eyes. |

VI - REACTIVITY DATA

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| Conditions Contributing to Instability | Stable - LpH is a complete product. Do not add other chemicals to conc. or use-solution. |
| Incompatibility | None known. |
| Hazardous Decomposition Products | |
| Conditions Contributing to Hazardous Polymerization | Will not occur. |

VII - SPILL OR LEAK PROCEDURES

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| Steps to be Taken if Material is Released or Spilled | May be cleaned up with flowing water. |
| Neutralizing Chemicals | |
| Waste Disposal Methods | Waste solutions may be sewerred. |

VIII - SPECIAL PROTECTION INFORMATION

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| Respiratory | Eye Recommended | Glove Recommended |
| Other Clothing and Equipment | Mists of use-solutions may be irritating to nasal passages and lungs. | Ventilation |

IX - SPECIAL PRECAUTIONS

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| Precautions to be Taken in Handling and Storing | This product will WITHSTAND AN OCCASIONAL ACCIDENTAL FREEZING without loss in its normal performance characteristics. It must be thoroughly thawed and agitated (roll drum) before being used. |
| Other Precautions | Avoid splashing conc. in eyes or on skin. Can cause eye and skin damage. Users should follow labeled precautions in handling . |

Prepared By: *William R. P. Khan* Title: Manager, Product Development

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.