

| Material Safety Data Sheet   |  |                         |  |  |               |                                |       |
|--|--|-------------------------|--|--|---------------|--------------------------------|-------|
| (Prepared according to 29 CFR 1910,1200)   |  |                         |  |  |               |                                |       |
| Date of Preparation:   |  | Revised: 01/05          |  | Prepared By: TA                                |               |                                |       |
| Section - 1 Product and Company Identification   |  |                         |  |  |               |                                |       |
| Product Name:  |  | Vanish RTU              |  | Chemical Family:                               |               | Soaps & Detergents             |       |
| Generic Name:  |  | Spot Remover            |  | Formula:                                       |               | U404                           |       |
| Information Phone Number:  |  | 913-492-2929            |  | Emergency Phone No.                            |               | 800-451-0726                   |       |
| Suppliers Name:  |  | Ultra Chem, Inc.        |  |  |               |                                |       |
| Suppliers Address:   |  | 8043 Flint              |  |  |               |                                |       |
| Lenexa, KS 66214   |  |                         |  |  |               |                                |       |
| Proper Shipping Name: Combustible Liquid, N.O.S., 3, UN1219, PG III (Contains: Isopropyl Alcohol)  |  |                         |  |  |               |                                |       |
| HMIS Codes:  |  | Reactivity:             |  | 0 Flammability:2                               |               | Health:2 Personal Protection:C |       |
| Section - 2 Hazzard Ingredients / Identity Information   |  |                         |  |  |               |                                |       |
| Hazardous Components (Specific Chemical Identity;  |  |                         |  | OSHA PEL                                       | ACGIH/TV      | Other Limit                    | % Wt. |
| Common Name(s)   |  |                         |  |  |               |                                |       |
| 2-Butoxyethanol  |  | 111-76-2                |  | 50 ppm   | 25 ppm        | 25 ppm                         | < 10  |
| Isopropyl Alcohol  |  | 67-63-0                 |  | 400 ppm  | 400 ppm       | 500 ppm                        | < 10  |
|  |  |                         |  |  |               |                                |       |
|  |  |                         |  |  |               |                                |       |
|  |  |                         |  |  |               |                                |       |
| This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372: |  |                         |  | CAS#   | Chemical Name | % Wt                           |       |
|  |  |                         |  | 67-63-0  | 2-Propanol    | 5.5                            |       |
|  |  |                         |  |  |               |                                |       |
| Section III - Physical / Chemical characteristics  |  |                         |  |  |               |                                |       |
| Boiling Point °F: 180 - 343°   |  |                         |  | Specific Gravity (H <sub>2</sub> O 1.03 - 1.04 |               |                                |       |
| Vapor Pressure (mm Hg.): 1.00mm/Hg @ 70 F  |  |                         |  | melting Point:                                 |               |                                |       |
| Vapor Density (AIR = 1) Heavier than Air   |  |                         |  | Evaporation Rate: Slower than Ether            |               |                                |       |
| Solubility in Water: Complete  |  |                         |  | ( Butyl Acetate = 1)                           |               |                                |       |
| Appearance and Odor: : Clear Colorless Liquid  |  |                         |  | % Volatilit 85+                                |               |                                |       |
| pH: 9.0 – 10.0   |  |                         |  |  |               |                                |       |
| Section IV - Fire and Explosion Hazard Data  |  |                         |  |  |               |                                |       |
| Flash Point (Method Used):   |  | 151° F                  |  | Flammable limits:                              |               | LEL                            | UEL   |
| Extinguishing Media:   |  | Dry Chemical, Foam, CO2 |  | Unknown  |               | Unknown                        |       |
| Special Fire Fighting procedures: Full Bunker Gear and Full Face SCBA  |  |                         |  |  |               |                                |       |
| Unusual Fire and Explosion Hazards: Extinguish all ignition sources. Flammable Hydrogen Gas may be   |  |                         |  |  |               |                                |       |
| Autoignition Temprature:   |  |                         |  |  |               |                                |       |
| Section V - Reactivity Data  |  |                         |  |  |               |                                |       |
| Stability: Unstable  |  | Conditions to Avoid:    |  |  |               |                                |       |
| Stable   |  | X                       |  |  |               |                                |       |
| Incompatibility (Materials to avoid) Strong Acids, Oxidizers   |  |                         |  |  |               |                                |       |

|  |   |                |                       |
|--|---|----------------|-----------------------|
| Hazardous Decomposition or By products:  |   | CO, CO2        |                       |
| Hazardous Polymerization:  |   | May Occur      |                       |
|  |   | Will not Occur | X                     |
| <b>Section VI - Health Hazard Information</b>  |   |                |                       |
| <b>Effects of Overexposure:</b>  |   |                |                       |
| <b>Primary Route of Entry:</b>   |   |                |                       |
| <b>Skin:</b>   | Destructive - Overexposure may produce burns.   |                |                       |
|  |   |                |                       |
| <b>Eyes:</b>   | Destructive - Exposure may cause burns, eye injury and blindness.   |                |                       |
|  |   |                |                       |
| <b>Inhalation:</b> Excessive inhalation may damage respiratory tract.. Possible nausea, dizziness, and difficulty breathing. |   |                |                       |
| <b>Ingestion:</b> Extremely corrosive, large quantities could cause severe pain, nausea, death.                              |   |                |                       |
|  |   |                |                       |
| <b>First Aid procedures:</b>   |   |                |                       |
| <b>Skin:</b>   | Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation persists |                |                       |
| <b>Eyes:</b>   | Flush with water for 15 minutes while lifting eyelids to assure complete removal. Get medical attention.                        |                |                       |
| <b>Inhalation:</b>   | Remove to fresh air. If breathing has stopped, give artificial respiration.   |                | Get medical attention |
| <b>Ingestion:</b>  | Do not induce vomiting. If conscious, dilute stomach contents by drinking water. Call a physician immediately.                  |                |                       |
|  |   |                |                       |
| <b>Section VII - Spills, Leaks and Disposal Procedure</b>  |   |                |                       |
| <b>Steps to be Taken in Case Material is Released or Spilled:</b>  |   |                |                       |
| Wear appropriate protective and respiratory equipment.   |   |                |                       |
| Prevent spills from entering sewers or any unauthorized water systems.   |   |                |                       |
|  |   |                |                       |
| <b>Waste Disposal Method:</b>  |   |                |                       |
| Dispose in accordance with appropriate Federal, State and Local regulations.   |   |                |                       |
|  |   |                |                       |
| <b>Section VIII - Exposure Controls / Personal Protection</b>  |   |                |                       |
| <b>Respiratory Protection:</b>   | NIOSH/OSHA approved respirators for materials in section 2 when ventilation is restricted                                       |                |                       |
| <b>Protective Gloves</b>   | Chemical resistant gloves.  |                |                       |
|  |   |                |                       |
| <b>Other Protective Equipment:</b>   | Wear boots and impervious clothing.   |                |                       |
|  |   |                |                       |
| <b>Ventilation</b>   | Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.                         |                |                       |
| <b>Eye Protection:</b>   | Safety glasses or goggles.  |                |                       |
|  |   |                |                       |
| <b>Section IX - Special Precautions and Comments</b>   |   |                |                       |
| <b>Handling Precautions:</b>   | : Keep out of reach of children.  |                |                       |
| For Trained Industrial and Institutional Personnel only.   |   |                |                       |
| <b>Storage Requirements</b>  | Keep container tightly closed when not in use   |                |                       |
|  |   |                |                       |
| <b>Comments</b>  | Practice good hygiene after handling this material.   |                |                       |
|  |   |                |                       |

» liberated.