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SYSTEM III DISINFECTANT/WIPE SOLUTION MATERIAL SAFETY DATA SHEET



"For the natural looking nail"

SECTION I - PRODUCT IDENTIFICATION

Product Name: System III Disinfectant/Wipe Solution
Date Prepared: 10/01/86
Name of Preparer: R. Eric Montgomery

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: Isopropyl Alcohol 99%
CAS Numbers: 67-63-0
Exposure Limits: ACGIH TLV - 400 ppm; OSHA PEL 400 ppm

SECTION III - PHYSICAL PROPERTIES

Vapor Density (air=1): 2.07
Specific Gravity: 0.79
Solubility in Water: Complete
Vapor Pressure, mmHg at 20 Degrees C: 33
Melting Point (Degrees Fahrenheit): -127
Boiling Point (Degrees Fahrenheit): 181
Evaporation Rate (Butyl Acetate=1): 3
Appearance and Odor: Clear, colorless liquid; medicinal alcoholic odor.

SECTION IV - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method 53 (Tag closed cup)
Flammable Limits in Air, Volume %: Lower: 2; Upper: 12.7
Fire Extinguishing Materials: Water Spray, Carbon Dioxide, Dry Chemical, Foam
Special Firefighting procedures: Wear self contained breathing apparatus.
Unusual fire and explosion hazards: Extinguish all nearby sources of ignition because vapors may be moved by air currents to ignition sources distant from handling point.

SECTION V - HEALTH HAZARD INFORMATION

Symptoms of Overexposure:
Inhaled: Vapors and mist irritate the nose and throat. Inhalation of higher concentrations may cause headaches, vomiting, and coma.
Contact with Skin or Eyes: Vapors will irritate eyes
Absorbed Through Skin: Brief contact may dry the skin, or cause burning or stinging sensation. Prolonged or repeated contact may cause dermatitis.
Swallowed: Large quantities can cause headaches, nausea, vomiting, stomach cramps, diarrhea, and perhaps unconsciousness
Health Effects from Overexposure:
Acute: Oral, rat: LD=5,840mg/kg; Inhalation, rats: LD=16,000 ppm/8hr;
Chronic: Prolonged or repeated exposure to high concentrations can produce severe or fatal CNS depression.
First Aid - Emergency Procedures:
Eye Contact: Immediately flush eyes with plenty of running water. Get medical attention.
Skin Contact: Immediately wash exposed area with plenty of soap and water. Remove contaminated shoes and clothing and wash well before reuse.
Inhaled: Remove to fresh air. Give artificial respiration if not breathing. Call a physician immediately.

Swallowed: Do not induce vomiting. If conscious, give pint of lukewarm water. Get immediate medical attention.

IN ALL OF THE ABOVE EMERGENCY CASES, CALL A PHYSICIAN.

Suspected Cancer Agent: No

Medical Conditions Aggravated by Exposure: None Known.

This product's ingredients are not found in the following lists: OSHA, NTP, IARC.

SECTION VI - REACTIVITY DATA

Stability: Stable

Incompatibility: Strong oxidizers

Hazardous Decomposition Products: May liberate carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur

SECTION VII - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: For small spills, extinguish all ignition sources and mop or wipe up and dispose of in DOT-approved waste containers.

Preparing Wastes for Disposal: Dispose of all wastes in accordance with Federal, State, and Local Regulations.

SECTION VIII - SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Adequate environmental controls at point of use.

Eye Protection: Chemical goggles

Gloves: Neoprene gloves

Other clothing and equipment: Long-sleeved shirt, trousers, safety shoes, rubber gloves, and rubber apron.

Other Handling and Storage Requirements: Keep away from heat, sparks, and flame. Store in a cool, dry place.

ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE