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NAIL ANTI-SEPTIC '99' MATERIAL SAFETY DATA SHEET



SECTION I - PRODUCT IDENTIFICATION

Product Name: Nail Anti-Septic '99'
Date Prepared: 10/01/86
Name of Preparer: R. Eric Montgomery

SECTION II - HAZARDOUS INGREDIENTS

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

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, Foam, Carbon Dioxide, Dry Chemical
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: Swallowing large quantities causes headaches, nausea, vomiting, stomach cramps, diarrhea, and perhaps unconsciousness.
Health Effects from Overexposure:
Acute: Oral, rats: LD=5,840 mg/8hrs.; Inhalation, rats: LD=16,000 ppm/8hrs. Inhalation of high concentrations may cause headaches, vomiting, and coma.
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 water for 15 minutes. Call a physician immediately.

Skin Contact: Immediately wash skin with plenty of soap and water, remove contaminated shoes and clothing and wash well before use.
Inhaled: Remove to fresh air. Give artificial respiration if not breathing. Call a physician immediately.
Swallowed: Do not induce vomiting. If conscious, give a 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 waste materials according to 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
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