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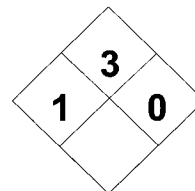
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Swiss Guard
Date Prepared: June 1, 1995
Date Revised: 8/11/98
Name of Preparer: Sunil J. Sirdesai

POISON CONTROL CENTER
CHEMTREC
1-800-424-9300

HEALTH = 1
FLAMMABILITY = 3
REACTIVITY = 0



SECTION II - HAZARDOUS INGREDIENTS

Chemical Name:	CAS Number:	Exposure Limits:
Ethyl Alcohol (EtOH)	64-17-5	ACGIH TLV OSHA PEL 1000ppm 1000 ppm

0 = MINIMAL,
1 = SLIGHT,
2 = MODERATE,
3 = SERIOUS,
4 = SEVERE

SECTION III - REACTIVITY DATA

Stability: Stable **Incompatibility:** Oxidizing Agents
Hazardous Decomposition Products: None **Hazardous Polymerization:** Will not occur
Conditions to Avoid: Avoid contact with heat, sparks, flames or other sources of ignition.
Vapors may be explosive and poisonous.

SECTION IV - HEALTH HAZARD INFORMATION

Symptoms of Overexposure:

Inhaled: Irritation of mucous membranes, headache, nausea, dizziness and narcosis can result from excessive exposure to vapors.

Contact with Eyes: Eye irritation and may be damaging.

Absorbed through Skin: Not expected to cause injury.

Swallowed: Mucous membrane and gastrointestinal irritation, may cause emotional liability and decreased inhibitions.

Health Effects from Overexposure:

Acute: Oral, dog: LD=6.3 gm/kg for EtOH; Dermal, rabbit: LD=0.7 gm/kg for EtOH, Oral Human LDLO=1400 mg/kg.

Chronic: May result in degenerative changes in liver, kidney, brain, gastroenteritis. Optic Atrophy may occur.

First Aid: Emergency Procedures:

Eye Contact: Flush eyes promptly with large amounts of water, occasionally lifting the upper and lower lids. Get medical attention immediately.

Inhaled: Remove to fresh air. Restore and/or support breathing if required. If effects are more severe than a headache, contact a physician.

Swallowed: Wash out mouth with water provided person is conscious.
Call a physician.

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

Suspected Cancer Agent: No

Medical Conditions aggravated by exposure: (for EtOH) Central Nervous System Depressant, Hepatotoxin, Allergic reactions to alcohols have been reported.

O · P · I
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ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE

MATERIAL SAFETY DATA SHEET

Product Name: Swiss Guard

SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: Provide maximum explosion proof ventilation. Eliminate all sources of ignition. Flush with water spray to clear area of Swiss Guard (flush to open ground, NOT to drains, sewers or surface water courses), or dilute with water and pick up with non-sparking tools for disposal.

Note: Those involved with clean-up should have protection against contact with liquid and inhalation of vapors.

Preparing Wastes for Disposal: Incineration is a recommended method to dispose of scrap acetone. When amounts warrant it, consider reclaiming by distillation.

Note: Dispose of all waste in accordance with Federal, State, and Local Regulations.

SECTION VI - SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: To Meet TLV requirements.

Respiratory Protection: For non-routine or emergency exposure, above the TLV, use NIOSH or OSHA approved full facepiece gas mask with organic vapor canister, or air-supplied respirator in accordance with conditions.

Eye Protection: Safety Glasses **Gloves:** Polyvinyl acetate gloves

Other Handling and Storage Requirements: Store in a cool, clean place below 100 degrees Fahrenheit.

SECTION VII - PHYSICAL PROPERTIES

Vapor Density (air=1): 1.59 for EtOH

Specific Gravity: 0.92

Solubility in water: Complete

Vapor Pressure, mmHg at 20 deg.C: 40 for EtOH

Boiling Point (deg.F): 173 for EtOH

Evaporation Rate (CCl4=1): 1.4 for EtOH

Appearance and Odor: Light pink, mint-like odor

SECTION VIII - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: 56 (Tag Closed Cup) for EtOH

Explosive Limits in Air, Volume %: Lower 3.3, Upper 19 for EtOH

Fire Extinguishing Materials: Foam, Carbon Dioxide, Dry Chemical

SECTION IX- USERS RESPONSIBILITY

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be determined if, or where, precautions, in addition to those described herein should be passed on to your customers or employees, as the case may be. OPI Products INC. must rely on the user to utilize the information we have supplied to develop work practice guidelines and employee instructional programs for the individual operation and regulations.

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