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**MATERIAL SAFETY DATA SHEET**

**SECTION I - PRODUCT INFORMATION**

Trade Name Appearing on Label: KLEEN GUARD FURNITURE POLISH

CATALOG NUMBER: KG 79/700

Manufacturer: ALBERTO-CULVER COMPANY  
 Emergency Phone: (708) 450-3175  
 Business Phone: (708) 450-3135

Name of Preparer: ALBERTO-CULVER COMPANY  
 2525 Armitage Avenue  
 Melrose Park, Illinois 60160

Date Prepared: 17 February 1992      Date Revised: December 5, 1994

**SECTION II- INGREDIENTS**

Chemical Identity	CAS Numbers	Approx %	Exposure Limits in Air OSHA (PEL)    ACGIH (TLV)
Water	7732-18-5		Not Avail.    Not Avail.
Isobutane	75-28-5		Not Avail.    1000ppm
Silcone Emulsions	None		Not Avail.    Not Avail.
Mineral Spirits	8052-41-3	1%	500 ppm      100ppm
Almond Oil	8013-76-1		Not Avail.    Not Avail.
Emulsified Waxes	None		Not Avail.    Not Avail.
Fragrance	None		Not Avail.    Not Avail.
Sodium Nitrite	7632-00-0		Not Avail.    Not Avail.
Formaldehyde	50-00-0	0.02%	0.75ppm TWA    1 ppm TWA

**SECTION III - PHYSICAL CHARACTERISTICS**

Physical Form: Hydrocarbon -Propelled, water-based Aerosol Spray Can  
 Boiling Point: N/A  
 Specific Gravity: 0.997 (Concentrate)  
 Melting Point: N/A  
 Apparent pH: 7.4-7.8  
 Water Solubility: Water dispersible  
 Vapor Density (air=1): Greater than 1  
 Appearance: Aerosol Spray-Cloudy White Liquid  
 Evaporation Rate (Water=1): 1 (Conc.)  
 Odor: Characteristic Aerosol Can Pressure: 38 psig

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**SECTION IV - FIRE AND EXPLOSION DATA**

Flash Point: Boils at 207 degrees F - extinguished flame

Method used: TOC

Auto Ignition Temperature: Not Avail.

Flammable Limits in Air, % Volume LEL: 1.8% UEL: 8.4%

Extinguishing Media  Water Spray  Foam  Carbon Dioxide  
 Dry Chemical  Other (specify)

Special Fire Fighting Procedures: WARNING. Aerosol product with Flammable propellant. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container explosion and rocketing. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent explosion and rocketing of aerosol cans.

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**SECTION V - REACTIVITY**

Stability Stable:  Unstable  Conditions to Avoid: N/A

Incompatibility (materials to avoid): None known

Hazardous Decomposition or Byproducts: Carbon Monoxide, Nitrogen Compounds, Carbon Dioxide and unidentified organic compounds may be formed during combustion.

Hazardous Polymerization May occur: No

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Conditions to Avoid: Ignition sources. Aerosol containers should be stored below 120 deg. F.

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**SECTION VI - HEALTH HAZARDS**

Route(s) of Entry    Inhalation:   X      Skin:           Ingestion:       

**Health Hazards:**

Acute:    Vapors may cause slight irritation to mucous membranes. High vapor concentrations may cause CNS depression due to hydrocarbon propellant gas.

Chronic:    Unknown.

Signs and Symptoms of Exposure:    CNS depression may be evidenced by giddiness, headache, dizziness and nausea.

Contains a trace amount (0.02%) Formaldehyde.

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Carcinogenicity    NTP:   XX      IARC Monographs:   XX      OSHA Registered:   XX  

Formaldehyde is listed on the NTP Sixth Annual Report on Carcinogens, is an IARC suspect carcinogen and an OSHA carcinogen. OSHA has determined that the PEL for formaldehyde be 0.75 parts formaldehyde per million parts of air (0.75 ppm TWA).

Medical Conditions Generally Aggravated by Exposure:    None known.

**EMERGENCY AND FIRST AID TREATMENT**

Eye Contact:    Rinse well with plenty of running water. Seek medical attention if irritation persists.

Skin Contact:    No special precautions necessary for incidental contact. Soap and water can be used to remove product from the skin.

Inhalation:    Move victim to fresh air if necessary.

Ingestion:    If ingestion occurs seek medical attention. (Contains 1% Mineral Spirits).

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**SECTION VII - ENVIRONMENTAL PROTECTION**

**SPILL OR LEAK PROCEDURES**

WARNING. FLAMMABLE GAS. ELIMINATE ALL IGNITION SOURCES. Handling equipment must be grounded to prevent sparking. \*\*\* LARGE SPILLS\*\*\* Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for appropriate disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. \*\*\* SMALL SPILLS \*\*\* Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal. BEWARE OF SLIPPERY FLOORS.

**WASTE DISPOSAL**

A small number of empty containers can be disposed of in ordinary trash. For disposal of a large number of empty containers or full containers contact a licensed waste hauler.

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**SECTION VIII - CONTROL MEASURES**

Specified Respiratory Protection: None required for normal usage.

Ventilation required: Spark proof solvent ventilation may be required if large amounts of product are expelled. Normal household air circulation is adequate for typical use.

Protective Gloves: None required.

Eye Protection: Keep out of eyes.

Other Protective Equipment: N/A

Work/Hygenic Practices: N/A

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**SECTION IX - SAFE HANDLING AND STORAGE**

Precautions to be Taken in Handling and Storage: Cool dry storage away from ignition sources at temperatures below 120 degrees F. Keep out of reach of children.

Level 1 Aerosol

Other Precautions: N/A

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**SECTION X - TRANSPORTATION REQUIREMENTS**

Hazardous materials description and proper shipping name: Consumer  
Commodity

Hazard class: ORM-D-AIR

Identification number: N/A

Labels required: N/A

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