



## MATERIAL SAFETY DATA SHEET

### Section 1 – Chemical Product and Company Identification

#### KLEEN GUARD FURNITURE POLISH

CATALOG NUMBER: KG-79, KG-700, and KG-12

Manufacturer: ALBERTO-CULVER USA, INC.

Emergency Phone: (708) 450-3175

Business Phone: (708) 450-3000

Name of Preparer: ALBERTO-CULVER USA, INC.

2525 Armitage Avenue  
Melrose Park, Illinois 60160

Date Prepared: September 9, 2004

Date Revised:

MSDS ID#: F81197-A

#### Shipping Emergencies (CHEMTREC)

Emergency Phones: (800) 424-9300

(703) 527-3887

### Section 2 – Composition, Information on Ingredients

Chemical Identity	CAS Numbers	Approx %	Exposure Limits in Air		LC50 (ihl-rat)*
			OSHA (PEL)	ACGIH (TLV)	
Isobutane*	000075-28-5	5.0-5.2	Not Avail.	Not Avail.	57 pph (%) 15 Min.  LD50 (oral-rat)
Mineral spirits †	064741-65-7	1.1-1.2	Not Avail.	Not Avail.	>18.8 g/kg

The remaining ingredients are not hazardous at the concentrations and combinations used.

\*SAX'S, "Dangerous Properties of Industrial Materials", 10<sup>th</sup> Edition

†Shell Shellsol OMS MSDS, 06/05/2000

### Section 3- Hazard Identification

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

**Health Hazards Acute:** Liquid and vapor may cause moderate to severe eye irritation. Vapors may cause slight irritation to mucous membranes. High vapor concentrations may cause CNS depression. Intentional misuse by deliberately concentrating and inhaling the product can be harmful or fatal.

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

Hazardous Material Identification System Ratings (HMIS) - For Total Product - Normal Usage

Rating Scale for Hazard Determination: 0 Minimal    1 Slight    2 Moderate    3 Serious    4 Severe

Product Rating: Health: 1 Flammability: 4 Reactivity: 0

**Personal Protection: Do Not Spray Product into eyes**

## Section 4- First Aid Measures

**Eye Contact:** Rinse well with plenty of running water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Product is used on furniture. Soap and water should be used to remove the product from the skin.

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

**Inhalation:** Move victim to fresh air if necessary.

## Section 5- Fire-Fighting Measures

Flash Point: -117 Degrees F (Isobutane) Method used: CC  
127 Degrees F (Mineral Spirits) Method used: TCC  
Product concentrate boils at 207 degrees F and extinguishes flame with TCC

Auto Ignition Temperature: 778 Degrees F (Isobutane)  
658 Degrees F (Mineral Spirits)

Flammable Limits in Air, % Volume LEL: 1.8%: UEL 8.4% (Isobutane)  
1 to 7 %Volume (Mineral Spirits)

**Extinguishing Media:** Water Spray; Foam; Carbon Dioxide; Dry Chemical

Special Fire Fighting Procedures: WARNING. FLAMMABLE LIQUID AND GAS. 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.

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.

## **Section 6 – Accidental Release Measures**

SMALL SPILLS -- FLAMMABLE LIQUID and GAS. Small spills can be cleaned up with rags, paper towels, inert absorbent or a mop. Rinse cleaning equipment with water before disposal or storage. Contaminated absorbent should be transferred to containers with pressure-relief devices and disposed of properly. Rinse area with water to remove residual product. Beware of slippery floors.

LARGE SPILLS -- FLAMMABLE LIQUID and GAS. ELIMINATE ALL IGNITION SOURCES. Handling equipment must be grounded to prevent sparking. 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 and dispose of flush solutions as above.

## **Section 7- 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

## **Section 8 – Exposure Controls and Personal Protection**

Specified Respiratory Protection: None required for normal usage

Protective Gloves: None required

Eye Protection: Keep out of eyes

Other Protective Equipment: N/A

Work/Hygienic Practices: N/A

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

## **Section 9 – Physical and Chemical Properties**

Physical Form: Aerosol Spray Can

Melting Point: N/A

Specific Gravity: 0.997 (Aerosol concentrate)

pH: 7.9-9.0

Evaporation Rate (Water= 1) : <1 (concentrate)

Vapor Density (air=1): Greater than 1

Water Solubility: Concentrate is water dispersible  
Aerosol can pressure (approx.): 38 psig (70 degrees F)  
Boiling Point: N/A

Odor: Characteristic Perfume  
Appearance: Cloudy white liquid

## Section 10 – Stability and Reactivity

Product is stable                      Incompatibility (materials to avoid): None known  
Hazardous Decomposition Products: Carbon Monoxide, Nitrogen compounds, Carbon Dioxide, Hydrogen Chloride, and unidentified organic compounds may be formed during combustion.

Hazardous polymerization cannot occur.

Conditions to Avoid: Protect from ignition sources and extreme heat and freezing.

## Section 11- Toxicological Information

Carcinogenicity:      NTP: No      IARC Monographs: No      OSHA Registered: No

Medical Conditions Aggravated by Exposure: None known

## Section 12 – Ecological Information

Large quantities should not be discharged into waterways to prevent pollution of the waterways.

EPA- Comprehensive Environmental Response, Compensation and Liability Act. Under EPA-CERCLA ("Superfund") releases to air, land or water may be reportable to the National Response Center, 800-424-8802 (circumstances surrounding the release and cleanup determine reportability).

SARA Title II Data - Section 312 Hazard Categories

Fire [X]   Sudden Release of Pressure [X]   Reactivity | |   Immediate (Acute) [X]   Delayed (Chronic) | |

## Section 13 – Disposal Considerations

Empty containers can be disposed of in the trash or recycled if facilities exist. Contact a licensed waste management company for disposal of a large number of filled containers.

Under EPA-RCRA (40 CFR 261.21), if this product becomes a waste material, it would be ignitable hazardous waste, hazardous waste number D001. Refer to latest Federal EPA or State regulations regarding proper disposal.

## Section 14- Transport Information

*The following information is presented only as a guideline as shipping regulations frequently change. The shipper is responsible for checking the current regulations.*

### **US SHIPPING (DOT) - Finished Product Labeled for Sale**

Hazardous materials descriptions and proper shipping names: Consumer Commodity

Hazard class or Division: ORM-D

Identification Numbers: N/A

Label Codes: None

### **INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)**

Name and description: AEROSOLS, flammable

UN No.: UN1950

Class: 2

Classification code: 5F

Labels: 2.1

Packages shall be clearly marked as: UN 1950 AEROSOLS

Limited Quantities see LQ2

### **INTERNATIONAL SHIPPING BY AIR (IATA)**

Proper Shipping Name/Description: Aerosols, flammable

Class or Division: 2.1

UN/ID Number: UN1950

Packing Instruction: #203

Hazard Label(s): Flammable gas

Limited Quantities see Packaging Instruction Y203

### **INTERNATIONAL MARITIME SHIPPING (IMDG)**

Proper Shipping Name: AEROSOLS

UN No.: UN1950

Class or Division: 2.2

EmS: F-D, S-U

Limited Quantities see SP277

For shipping to any destination, appropriate packaging materials and labels must be used. If classified as hazardous, see UPS Guide for Shipping Ground and Air Hazardous Materials, IATA Dangerous Goods Regulations (38th Edition), US Dept. of Transportation Regulations in 49 CFR 172. et seq., IMO and ICAO guidelines. If applicable, Parcel to be packed with closures upward and to be marked with package orientation arrows on two opposite vertical sides of the package. The arrows must point in the correct UPRIGHT direction.

## **Section 15 – Regulatory Information**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

## **Section 16 - Other Information**

Notice: The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct, however, no warranty, expressly implied or otherwise, is made to the accuracy or suitability of this information to the purchaser's intended purpose or for consequences of its use. Use these materials only as directed. For further information concerning product safety and use, call the number listed on the front of the MSDS.