

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

Trade Name Appearing on Label: **STATIC GUARD**

CATALOG NUMBER: XS-3 & XS-6

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: 15 February 1993

Date Revised: October 19, 1998

SECTION II- INGREDIENTS

| Chemical Identity         | CAS Numbers | Approx %                 | Exposure Limits in Air<br>OSHA (PEL) ACGIH (TLV)      |
|---------------------------|-------------|--------------------------|---|
| SD Alcohol 40             | 64-17-5     | 70                       | 1000 ppm 1000ppm                                      |
| Ditallowdimonium Chloride | 68783-78-8  | <2                       | Not Avail. Not Avail.                                 |
| Isopropyl Alcohol         | 67-63-0     | <1                       | 400 ppm 400 ppm                                       |
| Ammonium Acetate          | 631-61-8    | <1                       | Not Avail. Not Avail.                                 |
| Isobutane                 | 75-28-5     | 15                       | Not Avail. Not Avail.                                 |
| Propane                   | 74-98-6     | 12                       | 1000 ppm Not Avail.                                   |
| Chloromethane             | 74-87-3     | 0.0004 Max<br>if present | 50 ppm TWA 50 ppm<br>TWA<br>100 ppm STEL 100 ppm STEL |

SECTION III - PHYSICAL CHARACTERISTICS

Physical Form: Aerosol Anti-Static Spray

Boiling Point: 173-181 Degrees F (Aerosol Concentrate-Ethanol)

Specific Gravity: 0.79-0.80 (Concentrate)

Melting Point: N/A

Apparent pH: 7.5-8.5

Water Solubility: Concentrate 100% soluble

Vapor Density (air=1): Greater than 1

Appearance: Aerosol Spray-Clear Colorless Liquid

Evaporation Rate (Ethyl Alcohol=1): 1

Odor: Characteristic

Aerosol Can Pressure: 60 psig

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**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: 1

Personal Protection: Safety Glasses (Do Not Spray Product into eyes)

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**SECTION IV - FIRE AND EXPLOSION DATA**

Flash Point: 56 Degrees F (Aerosol Concentrate-Ethanol)

Method used: TCC

Auto Ignition Temperature: 685 Degrees F (Ethanol)

Flammable Limits in Air, % Volume LEL: 3.3% UEL: 19.0% Concentrate

LEL: 1.8% UEL: 9.5% Propellant

Extinguishing Media

Water Spray     Foam     Carbon Dioxide

Dry Chemical     Other (specify)

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. 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): Materials damaged by Ethyl Alcohol

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

Hazardous Polymerization: will not occur.

Conditions to Avoid: Ignition sources

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**SECTION VI - HEALTH HAZARDS**

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

**Health Hazards:**

**Acute:** Product may cause moderate to severe eye irritation. Vapors may cause slight irritation of mucous membranes. High vapor concentrations may cause CNS depression.

**Chronic:** Studies in laboratory animals involving prolonged and repeated exposures to ethyl alcohol have resulted in such effects as liver damage, embryotoxicity, fetotoxicity, and teratogenicity. A transient mutagenic effect has been reported in rats.

**Carcinogenicity**    NTP: N/A    IARC Monographs: N/A    OSHA Registered: N/A

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

**Medical Conditions Generally Aggravated by Exposure:** Prolonged exposure may aggravate preexisting eye, skin and respiratory disorders. Impaired liver function from preexisting disorders may also be aggravated.

**EMERGENCY AND FIRST AID TREATMENT**

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

**Skin Contact:** Product is intended to be left on clothing. 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.

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**SECTION VII - ENVIRONMENTAL PROTECTION**

**SPILL OR LEAK PROCEDURES**

**WARNING. FLAMMABLE LIQUID AND 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.

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## SECTION VII - ENVIRONMENTAL PROTECTION - CONTINUED

### 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.

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 EPA or State regulations regarding proper disposal.

### ENVIRONMENTAL HAZARDS

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 III DATA

#### Section 312 Hazard Categories

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

### SECTION 313 TOXIC CHEMICAL NOTIFICATION

This proprietary formula contains toxic chemical subject to the reporting requirements of Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

| (Generic) Chemical Name | Concentration (% by weight) |
|-------------------------|-----------------------------|
| (None)                  | (None)                      |

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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.

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 2 Aerosol

Other Precautions: N/A

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## SECTION X - TRANSPORTATION REQUIREMENTS

### US SHIPPING (DOT): FINISHED PRODUCT, CONSUMER COMMODITY PURPOSES ONLY

Hazardous materials description and proper shipping name: Consumer Commodity

Hazard class: ORM-D

Identification number: N/A

Labels required: N/A

### INTERNATIONAL SHIPPING BY AIR (IATA): FINISHED PRODUCT, CONSUMER COMMODITY PURPOSES ONLY

Hazardous Materials Description and Proper Shipping Name: Consumer Commodity

Hazard Class: 9

IATA Identification Number: UN8000

IATA Packing Instruction: #910

Labels Required: Miscellaneous

### INTERNATIONAL SHIPPING BY OCEAN (IMO): FINISHED PRODUCT, CONSUMER COMMODITY (Household Use or Personal Care) PURPOSES ONLY

Hazardous materials description and proper shipping name: Aerosols Dangerous Goods in Limited Quantity

Hazard class: 2

Identification number: UN1950

Packing Group: n.a.

Labels required: (none required if limited quantities otherwise FLAMMABLE GAS); Package should be marked "Aerosol"

For shipping to any destination, appropriate packaging materials must be used. See UPS Guide for Shipping Ground and Air Hazardous Materials, IATA Dangerous Goods Regulations (39th Edition), US Dept. of Transportation Regulations in 49 CFR 172. *et seq.*, IMO and ICAO guidelines. If shipping "Limited Quantities" follow appropriate regulations.

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