

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: 8 November 1991

Date Revised:

SECTION II - INGREDIENTS

Chemical Identity	CAS Numbers	Approx %	Exposure Limits in Air	
			OSHA (PEL)	ACGIH (TLV)
SD Alcohol 40	64175	70	1000 ppm	1000 ppm
Ditallowdimonium Chloride	68783788	<2	Not Avail.	Not Avail.
Isopropyl Alcohol	67630	<1	400 ppm	400 ppm
Ammonium Acetate	631618	<1	Not Avail.	Not Avail.
Isobutane	75285	15	Not Avail.	Not Avail.
Propane	74986	12	1000 ppm	Not Avail.
Chloromethane	74873	0.0004 Max if present	50 ppm TWA 100 ppm STEL	50 ppm TWA 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

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: 2 Reactivity: 0 Personal Protection: 0

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.

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 May Occur: No

Conditions to Avoid: Ignition sources

SECTION VI - HEALTH HAZARDS

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

Health Hazards:

Acute: Product may cause moderate to severe eye irritation. Vapors may cause slight irritation to 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. 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.

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.

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).

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/Hygienic Practices: N/A

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

SECTION X - TRANSPORTATION REQUIREMENTS

Hazardous materials description and proper shipping name: Consumer Commodity

Hazard class: N/A

Identification number: N/A

Labels required: N/A

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 for application 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.