MATERIAL SAFETY DATA SHEET

SECTION I. PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Axe Hairspray (Aerosol) – All Variants
MSDS NUMBER: 4359-16
CORPORATE ADDRESS: Unilever
700 Sylvan Avenue
Englewood Cliffs, NJ 07632

PHONE #: 800-782-8301 Monday thru Friday (8:30 AM – 6:00 PM EST)
EMERGENCY #: 800-745-9269 (24 Hours)
POISON CONTROL #: 800-949-7866 (24 Hours)
CHEMTREC #: 800-424-9300 (24 Hours, Transportation Emergencies)

All written inquiries should be sent to:
Unilever Consumer Services, 920 Sylvan Avenue, Englewood Cliffs, NJ 07632 or Fax to: 201-227-5859

SECTION II. HAZARDS IDENTIFICATION

WARNING: Flammable until fully dry. Do not use near heat, flame or while smoking. Can cause serious injury or death. Avoid inhalation. Avoid spraying in eyes. Contents under pressure. Do not puncture or incinerate. Do not expose to heat or store at temperatures above 120°F/50°C or in enclosed places that could overheat. Do not use on broken skin. Stop use if rash or irritation occurs. Keep out of reach of children. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

HAZARD RATINGS: Health: 1, Fire: 2, Physical Hazards: 2
Ratings are based on a 0-4 scale, with 0 representing minimal and 4 representing significant hazards or risks.

SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients as defined by 29 CFR 1910.1200:

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER</th>
<th>% RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrofluorocarbon 152a (Difluoroethane)</td>
<td>75-37-6</td>
<td>35 – 40</td>
</tr>
<tr>
<td>SD Alcohol 40-B (Ethanol)</td>
<td>64-17-5</td>
<td>45 - 55</td>
</tr>
</tbody>
</table>

SECTION IV. FIRST AID MEASURES

EYE CONTACT: Rinse thoroughly with water.
SKIN CONTACT: Discontinue use if rash or irritation occurs. Rinse with water.
SECTION V. FIRE FIGHTING MEASURES

HAZARD CLASSIFICATION: Flammable. See Section XIV for Shipping Classifications.
FLASHPOINT: Not applicable. Aerosol flame extension <18 inches/45 cm.
NFPA CLASSIFICATION: Aerosol Level 1 per NFPA 30B.
EXTINGUISHING MEDIA: Water mist/spray, carbon dioxide, foams or dry chemicals.
SPECIAL FIREFIGHTING PROCEDURES: Since pressurized aerosol cans may explode when exposed to excessive heat, protect from excessive heat with water spray.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen; hydrocarbons & derivatives.
CONTENTS UNDER PRESSURE: Yes. Exposure to temperature > 130°F/55°C may cause bursting.
EXPLOSIVE: Yes.

SECTION VI. ACCIDENTAL RELEASE MEASURES

SPILLS, LEAKS: Small or household quantities may be cleaned up and disposed of in household trash. For large (industrial) releases, eliminate all sources of ignition and ventilate the area with equipment rated for use in a flammable environment.

SECTION VII. HANDLING & STORAGE

HANDLING PRECAUTIONS: Contents under pressure. Do not puncture or incinerate container. Do not use when smoking or in presence of fire, open flame, sparks or heat.
STORAGE REQUIREMENTS: Do not store at temperatures above 120°F/50°C or in enclosed places that could overheat.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difluoroethane (HFC-152a)</td>
<td>75-37-6</td>
<td>None established</td>
<td>None established</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>STEL=1000 ppm</td>
<td>TWA=1000 ppm, 1900 mg/m³</td>
</tr>
</tbody>
</table>

PERSONAL PROTECTION
FOR ROUTINE CONSUMER USE: Avoid inhalation. Avoid spraying in eyes. Use only as directed. Do not use on broken skin. Stop use if rash or irritation occurs.
FOR INDUSTRIAL ACTIVITIES: Use protective eyewear, gloves, clothing and general ventilation.

SECTION IX. PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>FORM:</th>
<th>Liquid in pressurized metal can</th>
<th>COLOR:</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODOR:</td>
<td>Characteristic</td>
<td>SOLUBILITY:</td>
<td>Not available</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>Not applicable</td>
<td>PRESSURE:</td>
<td>40-55 PSIG at 70°F/21°C, 120-135 PSIG at 130°F/54°C.</td>
</tr>
<tr>
<td>MELTING POINT:</td>
<td>Not applicable</td>
<td>VISCOSITY:</td>
<td>Not available</td>
</tr>
</tbody>
</table>
### SECTION X. STABILITY & REACTIVITY

**STABLE:** Yes.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE WITH:** Strong oxidizers, acids or bases. Do not expose to heat or in enclosed places that could overheat.

**SPECIAL CONDITIONS TO AVOID:** Open flames, high temperatures, sunlight or impact.

**CORROSIVE TO STEEL, ALUMINUM:** No.

### SECTION XI. TOXICOLOGY INFORMATION

**ACUTE EFFECTS**
- **EYE CONTACT:** May cause redness or irritation.
- **SKIN CONTACT:** Overexposure may cause a skin reaction such as redness. Do not use on broken skin.
- **INGESTION:** May cause nausea, vomiting and diarrhea.
- **RESPIRATORY:** Intentional misuse by deliberately concentrating and inhaling the contents can cause serious injury or death.

**CHRONIC EFFECTS:** None expected

**CARCINOGEN CLASSIFICATIONS**
- **NTP:** None
- **IARC:** None
- **OSHA:** None

### SECTION XII. ECOLOGICAL INFORMATION

This product is safe for the environment at the concentrations predicted under normal use conditions.

### SECTION XIII. DISPOSAL CONSIDERATIONS

Disposal by Consumer: Contents under pressure. Do not puncture or incinerate. Waste generated in the course of normal consumer use is not subject to RCRA. Consumer waste should be disposed of in accordance with all applicable local, state and federal regulations.

Disposal by Manufacturer/Vendors: Waste meets the federal definition of hazardous waste due to the ignitability characteristic (D0001) as defined at 40 CFR § 261.21. Hazardous Waste Generator may recover waste Ethanol for bulk liquid disposal (or recycling) pursuant to RCRA or may dispose of individual consumer containers in drums or other appropriate containers. Generator cannot incinerate waste without puncturing and releasing flammable gas from all pressurized consumer packaging using the appropriate aerosol disposal equipment to ensure worker safety.

### SECTION XIV. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>FOR SHIPMENT IN</th>
<th>GROUND</th>
<th>WATER</th>
<th>AIR</th>
</tr>
</thead>
</table>
CONSUMER
PACKAGING

<table>
<thead>
<tr>
<th>PROPER SHIPPING NAME:</th>
<th>Consumer Commodity</th>
<th>Aerosols</th>
<th>Consumer Commodity</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD CLASS:</td>
<td>9</td>
<td>2.1</td>
<td>9</td>
</tr>
<tr>
<td>UN/ID #:</td>
<td>Not applicable</td>
<td>UN1950</td>
<td>ID8000</td>
</tr>
<tr>
<td>PACKING GROUP:</td>
<td>Not applicable</td>
<td>None</td>
<td>Not applicable</td>
</tr>
<tr>
<td>REQUIRED LABELING:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LABEL TYPE:</td>
<td>Limited Quantity</td>
<td>Limited Quantity</td>
<td>Limited Quantity, Miscellaneous</td>
</tr>
</tbody>
</table>

EMERGENCY GUIDE NUMBER: ID8000 Consumer Commodity = 171
UN1950 Aerosol = 126

DOT HAZARDOUS SUBSTANCE RQ: None/no reportable quantities
DOT MARINE POLLUTANTS: None/no reportable quantities
IATA - Substances Forbidden from Air Transport: None/no reportable quantities
IATA - Subst. Forbidden from Passenger Transport: Difluoroethane (Not forbidden when classified as a Consumer Commodity)

SECTION XV. REGULATORY INFORMATION

TSCA: Not applicable
RCRA: See Section XIII - Disposal Considerations
CAA HAPS or Ozone Depleters: None/no reportable quantities
CERCLA/SARA 302 Hazardous Substances: None/no reportable quantities
CERCLA/SARA 311/312 Hazard Categories: None/no reportable quantities
CERCLA/SARA 313 Emissions Reporting: None/no reportable quantities
CERCLA RQ: Ethanol, Difluoroethane - 100 lbs
CA 22 CCR Hazardous Wastes: Ethanol
CA Proposition 65 Listed Chemicals: None/no reportable quantities
IL, MA, NJ, PA, RI State RTK, Hazardous & Other Notifications: Ethanol, Difluoroethane, Aminomethyl Propanol

SECTION XVI. OTHER INFORMATION

LEGEND:

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>CAS</th>
<th>CCR</th>
<th>CERCLA</th>
<th>CFR</th>
<th>DOT</th>
<th>EPCRA</th>
<th>EST</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>PEL</td>
<td>N/A</td>
<td>RQ</td>
<td>RTK</td>
<td>SARA</td>
</tr>
<tr>
<td>Not Applicable</td>
<td>National Fire Protection Association</td>
<td>National Toxicology Program</td>
<td>Permissible Exposure Limit</td>
<td>Resource Conservation &amp; Recovery Act</td>
<td>Reportable Quantity</td>
<td>Right-To-Know</td>
<td>Superfund Amendments &amp; Reauthorization Act</td>
</tr>
</tbody>
</table>
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