

# MATERIAL SAFETY DATA SHEET

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial / commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation.



## SECTION I. PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **TRESemme Hairspray (Pump) - All Variants**  
 MSDS NUMBER: 8007-01-01  
 CORPORATE ADDRESS: Unilever  
 700 Sylvan Avenue  
 Englewood Cliffs, NJ 07632

PHONE #:	800-761-3683 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. Do not use near fire or open flame. Keep away from matches and lighted cigarettes during application and until hair is fully dry. Keep Out Of Reach Of Children. Avoid spraying near eyes.**

EXPOSURE EFFECTS: This is a personal care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and /or swelling upon prolonged or repeated skin contact or eye contact.

HAZARD RATINGS: Health: 1, Fire: 3, Physical Hazards: 0  
 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:

CHEMICAL NAME	CAS NUMBER	% RANGE
SD Alcohol 40-B (Ethanol)	64-17-5	50 – 55

## SECTION IV. FIRST AID MEASURES

EYE CONTACT: Rinse thoroughly with water.  
 SKIN CONTACT: Discontinue use if rash or irritation occurs. Rinse with water.

INGESTION: Do not induce vomiting. Drink a glass of milk or water.  
 INHALATION: Move individual to fresh air.  
 NOTE: If symptoms persist, seek medical attention.

### **SECTION V. FIRE FIGHTING MEASURES**

HAZARD CLASSIFICATION: Flammable. See Section XIV for Shipping Classifications.  
 FLASHPOINT: 74°F/ 23.3°C  
 NFPA CLASSIFICATION: Class IC Flammable Liquid  
 EXTINGUISHING MEDIA: Water mist/spray, carbon dioxide, foams or dry chemicals.  
 SPECIAL FIREFIGHTING PROCEDURES: Protect from excessive heat with water spray.  
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, hydrocarbons & derivatives.  
 CONTENTS UNDER PRESSURE: No  
 EXPLOSIVE: No

### **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: Do not use when smoking or in presence of fire, open flame, sparks or heat.  
 STORAGE REQUIREMENTS: Keep from extreme heat or cold. Do not store at temperatures above 120°F/50°C or in enclosed places that could overheat.

### **SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION**

CHEMICAL NAME	CAS #	ACGIH TLV	OSHA PEL
Ethanol	64-17-5	STEL=1000 ppm	TWA=1000 ppm , 1900 mg/m <sup>3</sup>

#### **PERSONAL PROTECTION**

FOR ROUTINE CONSUMER USE: Avoid spraying in eyes. Stop use if rash or irritation occurs.  
 FOR INDUSTRIAL ACTIVITIES: Use protective eyewear, gloves, clothing and general ventilation.

### **SECTION IX. PHYSICAL & CHEMICAL PROPERTIES**

FORM:	Liquid in plastic bottle with spray pump	COLOR:	Clear to lightly tinted
ODOR:	Characteristic	SOLUBILITY:	Soluble in water
SPECIFIC GRAVITY:	0.9	PRESSURE:	Not pressurized
BOILING POINT:	179 °F (81.7 °C)	VISCOSITY:	Not available
pH:	5.0 -7 .0	EVAPORATION RATE:	>1
PERCENT VOLATILE:	Not available	PERCENT VOC:	<55%

**SECTION X. STABILITY & REACTIVITY**

STABLE: Yes.  
 HAZARDOUS DECOMPOSITION PRODUCTS: None known.  
 INCOMPATIBLE WITH: Strong oxidizers, acids or bases. Do not expose to heat or enclosed places that could overheat.  
 SPECIAL CONDITIONS TO AVOID: Open flames or high temperatures.  
 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.  
 INGESTION: May cause nausea, vomiting and diarrhea.  
 RESPIRATORY: May cause respiratory irritation.

**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.

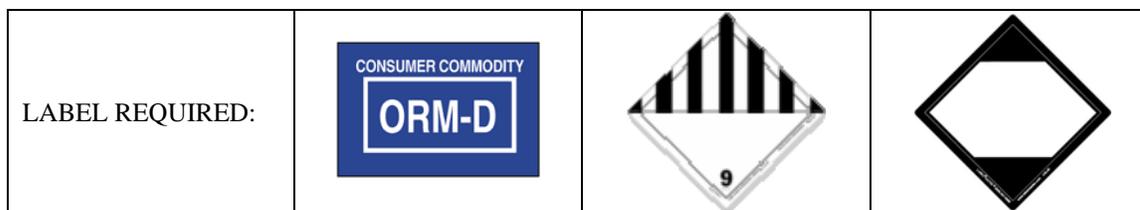
**SECTION XIII. DISPOSAL CONSIDERATIONS**

Disposal by Consumer: 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.

**SECTION XIV. TRANSPORT INFORMATION**

<b>FOR SHIPMENT IN CONSUMER PACKAGING</b>	<b>DOMESTIC-ALL MODES (US DOT)</b>	<b>INTERNATIONAL-AIR (IATA/ICAO)</b>	<b>INTERNATIONAL-WATER (IMO/MDG)</b>
PROPER SHIPPING NAME:	Consumer Commodity	Consumer Commodity	Ethanol Solution Limited Quantity
HAZARD CLASS:	ORM-D/ORM-D-AIR	9	3
UN/ID #:	None	ID8000	UN1170
PACKING GROUP:	None	None	III



EMERGENCY RESPONSE GUIDE:	127
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:	None/no reportable quantities

### **SECTION XV. REGULATORY INFORMATION**

TSCA: Not applicable  
 RCRA: See Section XIII - Disposal Considerations  
 CAA HAPS or Ozone Depletors: 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 - 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

### **SECTION XVI. OTHER INFORMATION**

#### LEGEND:

ACGIH	American Conference of Governmental & Industrial Hygienists	LVOC	Low Volatile Organic Compound
CAA	Clean Air Act	N/A	Not Applicable
CARB	California Air Resources Board	NFPA	National Fire Protection Association
CAS	Chemical Abstract Service	NTP	National Toxicology Program
CCR	California Code of Regulations	OSHA	Occupation Safety & Health Administration
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act	PEL	Permissible Exposure Limit
CFR	Code of Federal Regulations	RCRA	Resource Conservation & Recovery Act
DOT	Department of Transportation	RQ	Reportable Quantity
EPCRA	Emergency Planning and Community Right-To-Know Act	RTK	Right-To-Know
EST	Eastern Standard Time	SARA	Superfund Amendments & Reauthorization Act
HAPS	Hazardous Air Pollutants	STEL	Short-Term Exposure Limit
HMIS	Hazardous Materials Information System	TBD	To Be Determined
HON	Hazardous Organic NESHAP (National Emission Standards for Hazardous Air Pollutants)	TCC	Tagliabue Closed Cup
HVOC	High Volatile Organic Compound	TLV	Threshold Limit Value

IARC	International Agency for the Research of Cancer	TSCA	Toxic Substances Control Act
IATA	International Air Traffic Association	TWA	Time Weighted Average
ICAO	International Civil Aviation Organization	TCLP	Toxicity Characteristic Leaching Procedure
IMDG	International Maritime Dangerous Goods	VOC	Volatile Organic Compounds
IMO	International Maritime Organization		

Unilever  
Regulatory Affairs  
40 Merritt Boulevard  
Trumbull, CT 06611

MSDS for SAP Blend Codes: 20002174, 20001501, 20001500, 20001497, 20006078  
MSDS Date: 11/22/11 AR

The information contained in this MSDS is based on data which is believed to be accurate. While Unilever believes that the data contained herein comply with 29 CFR 1910.1200, they are not to be taken as a warranty or representation for which Unilever assumes legal responsibility. They are offered solely for your consideration and verification. This MSDS is not prepared for consumer use.