

# SAFETY DATA SHEET



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Version 1

## 1. IDENTIFICATION

**Product Name** Pantene Pro-V Stylers HAIRSPRAY Flexible Hold

**Product ID:** 99292437\_RET\_NG

**Product Type:** Finished Product - Consumer (Retail) Use Only

**Recommended Use** Personal Beauty Care Product

**Manufacturer** The Procter & Gamble Company  
Sharon Woods Innovation Center  
11510 Reed Hartman Highway  
Cincinnati OH 45241  
+1 513 626-2500

**E-mail Address** pgsds.im@pg.com

**Emergency Telephone** Transportation (24 HR)  
CHEMTREC - 1-800-424-9300  
(U.S./ Canada) or 1-703-527-3887  
Mexico toll free in country: 800-681-9531

## 2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.**

**Eye Damage / Irritation** Category 2B  
**Flammable aerosols** Category 2

**Signal Word** WARNING

**Hazard Statements** Causes eye irritation  
Flammable Aerosol

**Hazard pictograms**



**Precautionary Statements -** Keep away from heat/sparks/open flames/hot surfaces. — No smoking

**Prevention** Do not spray on an open flame or other ignition source  
 Pressurized container: Do not pierce or burn, even after use  
 Wash hands thoroughly after handling

**Precautionary Statements - Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal** None

**Hazards not otherwise classified (HNOC)** None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

| Chemical Name  | Synonyms | Trade Secret | CAS-No   | Weight % |
|----------------|----------|--------------|----------|----------|
| Dimethyl ether | -        | No           | 115-10-6 | 30 - 35  |
| Ethanol        | -        | No           | 64-17-5  | 20 - 25  |

**4. FIRST AID MEASURES**

First aid measures for different exposure routes

**Eye contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin contact** None under normal use.

**Ingestion** Not an expected route of exposure. If swallowed: Clean mouth with water and afterwards drink plenty of water.

**Inhalation** Move to fresh air.

**Most important symptoms/effects, acute and delayed** May cause eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Flammable properties** Flammable Aerosol

**Suitable extinguishing media** Water. Dry chemical. Alcohol-resistant foam.

**Unsuitable Extinguishing Media** None.

**Special hazard** Extremely flammable. Containers may explode when heated or if contaminated with water. May form explosive mixtures with air.

|   |  |
|---|--|
| <b>Special protective equipment for fire-fighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| <b>Specific hazards arising from the chemical</b>     | Keep product and empty container away from heat and sources of ignition. Containers may explode when heated.                           |

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

|  |  |
|--|--|
| <b>Personal precautions</b>            | Avoid breathing vapors or mists.   |
| <b>Advice for emergency responders</b> | Use personal protective equipment as required.   |
| <b>Environmental precautions</b>       | Do not discharge product into natural waters without pre-treatment or adequate dilution. |

**Methods and materials for containment and cleaning up**

|                                |  |
|--------------------------------|--|
| <b>Methods for containment</b> | Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Ventilate the area.  |
| <b>Methods for cleaning up</b> | Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not puncture or incinerate cans. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). |

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Keep container closed when not in use. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children. Observe label precautions. Avoid breathing vapors or mists. |
|--------------------------------|---|

**Conditions for safe storage, including any incompatibilities**

|                                     |  |
|-------------------------------------|--|
| <b>Storage Conditions</b>           | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| <b>Incompatible products</b>        | None known.  |
| <b>Aerosol Classification Level</b> | 1  |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

|                            |   |
|----------------------------|---|
| <b>Exposure Guidelines</b> | Exposure guidelines are not relevant when product is used as intended in a household setting. |
|----------------------------|---|

**Exposure controls**

|                             |                          |
|-----------------------------|--------------------------|
| <b>Engineering Measures</b> | No information available |
|-----------------------------|--------------------------|

**Personal Protective Equipment**

|                       |   |
|-----------------------|---|
| <b>Eye Protection</b> | <b>Manufacturing Sites:</b><br>Safety glasses with side-shields<br><b>Distribution, Workplace and Household Settings:</b><br>No special protective equipment required |
|-----------------------|---|

|                                 |   |
|---------------------------------|---|
| <b>Hand Protection</b>          | No special protective equipment required                                      |
| <b>Skin and Body Protection</b> | No special protective equipment required                                      |
| <b>Respiratory Protection</b>   | No special protective equipment required                                      |
| <b>Hygiene measures</b>         | Avoid breathing vapors, mist or gas<br>When using, do not eat, drink or smoke |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                             |                            |
|-----------------------------|----------------------------|
| <b>Physical State @20°C</b> | Aerosol, liquid            |
| <b>Appearance</b>           | Aerosol Container - Liquid |
| <b>Odor</b>                 | Pleasant                   |
| <b>Odor threshold</b>       | No information available   |

| <u>Property</u>                               | <u>Values</u>            | <u>Note</u> |
|---|--------------------------|-------------|
| <b>pH value</b>                               | 8.1 - 9.5                |             |
| <b>Melting/freezing point</b>                 | Not Applicable           |             |
| <b>Boiling point/boiling range</b>            | No information available |             |
| <b>Flash point</b>                            | Aerosol - Not Applicable |             |
| <b>Evaporation rate</b>                       | No information available |             |
| <b>Flammability (solid, gas)</b>              | No information available |             |
| <b>Flammability Limits in Air</b>             |                          |             |
| Upper flammability limit                      | No information available |             |
| Lower Flammability Limit                      | No information available |             |
| <b>Vapor pressure</b>                         | No information available |             |
| <b>Vapor density</b>                          | No information available |             |
| <b>Relative density</b>                       | 0.95 - 0.97              |             |
| <b>Water solubility</b>                       | slightly soluble         |             |
| <b>Solubility in other solvents</b>           | No information available |             |
| <b>Partition coefficient: n-octanol/water</b> | No information available |             |
| <b>Autoignition temperature</b>               | No information available | .           |
| <b>Decomposition temperature</b>              | No information available | .           |
| <b>Viscosity of Product</b>                   | No information available |             |

**VOC Content (%)** Products comply with US state and federal regulations for VOC content in consumer products.

**10. STABILITY AND REACTIVITY**

|   |  |
|---|--|
| <b>Reactivity</b>                       | None under normal use conditions.  |
| <b>Stability</b>                        | Stable under normal conditions.  |
| <b>Hazardous polymerization</b>         | Hazardous polymerization does not occur.   |
| <b>Hazardous Reactions</b>              | None under normal processing.  |
| <b>Conditions to Avoid</b>              | Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight. |
| <b>Materials to avoid</b>               | None in particular.  |
| <b>Hazardous Decomposition Products</b> | None under normal use.   |

**11. TOXICOLOGICAL INFORMATION**

Product Information  
Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. |
| <b>Skin contact</b> | No known effect.  |
| <b>Ingestion</b>    | No known effect.  |
| <b>Eye contact</b>  | Avoid contact with eyes. Irritating to eyes.  |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |                     |
|--|---------------------|
| <b>Acute toxicity</b>                    | No known effect.    |
| <b>Skin corrosion/irritation</b>         | No known effect.    |
| <b>Serious eye damage/eye irritation</b> | Irritating to eyes. |
| <b>Skin sensitization</b>                | No known effect.    |
| <b>Respiratory sensitization</b>         | No known effect.    |
| <b>Germ cell mutagenicity</b>            | No known effect.    |
| <b>Neurological Effects</b>              | No known effect.    |
| <b>Reproductive toxicity</b>             | No known effect.    |
| <b>Developmental toxicity</b>            | No known effect.    |
| <b>Teratogenicity</b>                    | No known effect.    |
| <b>STOT - single exposure</b>            | No known effect.    |
| <b>STOT - repeated exposure</b>          | No known effect.    |
| <b>Target Organ Effects</b>              | No known effect.    |
| <b>Aspiration hazard</b>                 | No known effect.    |
| <b>Carcinogenicity</b>                   | No known effect.    |

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product is not expected to be hazardous to the environment.

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulative potential</b>     | No information available. |
| <b>Mobility</b>                      | No information available. |
| <b>Other adverse effects</b>         | No information available. |

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste from Residues / Unused Products**      Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance. Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations(40 CFR 261).

**Contaminated packaging**      Empty containers may contain flammable or explosive vapors. Pressurized container: Do not pierce or burn, even after use.

**California Hazardous Waste Codes (non-household setting)**      331

**14. TRANSPORT INFORMATION**

**DOT**

|                                |                                  |
|--------------------------------|----------------------------------|
| <b>UN no</b>                   | UN1950                           |
| <b>UN Proper shipping name</b> | Aerosols, flammable              |
| <b>Description</b>             | UN1950, Aerosols, flammable, 2.1 |

**Hazard Class** 2.1  
**Emergency Response Guide Number** 126

**IMDG**

**UN Number** UN1950  
**UN Proper shipping name** Aerosols  
**Description** UN1950, Aerosols, 2.1  
**Transport hazard class(es)** 2  
**EmS-No** F-D, S-U

**IATA**

**UN no** UN1950  
**UN Proper shipping name** Aerosols, flammable  
**Description** UN1950, Aerosols, flammable, 2.1  
**Hazard Class** 2.1  
**ERG Code** 10L

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Not applicable for consumer use

**CERCLA**

Not applicable for consumer use

**Food and Drug Administration (FDA)**

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

Not applicable for consumer use

**Clean Water Act**

Not applicable for consumer use

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65.

**U.S. State Regulations (RTK)**

Not applicable for consumer use

**International Inventories**

**United States**

Product is a personal care product and regulated under FDA.

**Canada**

This product is in compliance with CEPA for import by P&G.

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
CEPA - Canadian Environmental Protection Act

Perfumes contained with the products comply with appropriate IFRA guidance.

## 16. OTHER INFORMATION

**Issuing Date:** 24-Feb-2015  
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**Reason for revision** Initial Release.

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**