

Material Safety Data Sheet

The Procter & Gamble Company

Beauty Care Division
Sharon Woods Technical Center
11511 Reed Hartman Highway
Cincinnati, Ohio 45241

Emergency Telephone Number:
1-800-262-1637

24-Hour Sill Response::
Call Chemtrec 1-800-424-9300

Section I - Categorization

Category: Non-Aerosol (Pump) Hair Sprays
Flammable alcoholic fragranced liquids.

Product Name: Vitalis Super Hold Pump Hairspray, Vitalis Super Hold Unscented Pump Hairspray.

Section II - Ingredients/Identity Exposure Limits

Non-Aerosol (Pump) Hair Sprays generally contain the following hazardous ingredients (1% concentration or greater; 0.1% for carcinogens):

CTFA NAME	CAS#
PROPYLENE GLYCOL	57556
ISOPROPYL ALCOHOL	67630
EXPOSURE LIMIT: 400 PPM TLV, PEL 500 PPM STEL	
ALCOHOL DENAT.	64175
EXPOSURE LIMIT: 1000 PPM TLV, PEL (ETHYL ALCOHOL)	
ETHYL ESTER OF PVM/MA COPOLYMER	67724930
AMINOMETHYL PROPANOL	124685
OCTYLACRYLAMIDE/ACRYLATES COPOLYMER	977131411
ACRYLATES/ACRYLAMIDE COPOLYMER	26062566
VA/CROTONATES/VINYL NEODECANOATE COPOLYMER	55353214
DIMETHICONE COPOLYOL	64365237
DIGLYCOL/CHDM/ISOPHTHALATES/SIP COPOLYMER	999000483
OCTYLACRYLAMIDE/ACRYLATES/BUTYLAMINOETHYL METHACRYLATE COPOLYMER	70801079
PVP/VA COPOLYMER	25086899
ACRYLATES COPOLYMER	25085692

Section III - Physical/Chemical Characteristics

Specific Gravity (H₂O=1): 0.80-0.84

pH: N/A

Solubility in Water: Slightly soluble.

Appearance and Odor: Clear alcoholic liquid. Mildly fragranced.

Section IV - Fire and Explosion Hazard Data

Flashpoint: 52-65⁰

Unit: Fahrenheit

Type: For products containing alcohol.

Method: closed cup

Fire Fighting Procedures:

Extinguish fires with ABC all-purpose extinguisher. The type of extinguisher used should be in conformance with local fire regulations. Fire fighters should use self contained breathing apparatus in enclosed areas.

Unusual Fire and Explosion Hazards:

Product will flash or sustain a flame if exposed to fire, heat or ignition source at or below room temperature.

Physical Hazards:

Flammable liquids.

Section V - Reactivity Data

Stability:

Stable.

Conditions to Avoid:

Open flames; heat and ignition sources.

Incompatibility (Materials to Avoid):

None.

Hazardous Decomposition or By Products:

May form toxic materials (carbon dioxide and carbon monoxide).

Section VI - Health Hazards and Hazard Data

The TLV of the mixture has not been established.

1. Effects of Acute Accidental Exposure

Eye Contact:

Eye irritant.

Skin Contact:

Non-irritating.

Inhalation:

Respiratory symptoms may occur due to inadequate ventilation.

Ingestion:

Moderately toxic. May cause strong burning sensation. Ingestion of 2 or more ounces of product containing high level of alcohol may result in depression and alcohol intoxication.

2. Effects of Chronic Exposure

For purposes of chronic exposure under the OSHA Hazard Communication Standard, this is an untested mixture. These products have been used extensively by consumers and Worldwide Beauty Care is not aware of any significant adverse effects. Target Organs: These products contain an ingredient which has been shown to affect tissues or organs under high levels of exposure in animal studies not encountered in normal use. Alcohol Denat.: Liver, CNS, eye and reproductive.

3. Carcinogen Status:

OSHA: No

NTP: No

IARC: No

4. Route of Entry:

Inhalation: Yes

Ingestion: Yes

Skin: Yes

5. Pre-existing dermatitis would likely be made worse by exposure to these products. Bronchitis may be aggravated by irritant vapors.

6. Emergency and First Aid Procedures

Eye Contact:

Remove contact lenses, if used. Flush immediately with plenty of water for 15 minutes. Get medical attention IMMEDIATELY.

Skin Contact:

If spilled, wash skin immediately with soap and water (do not use solvents). Change into clean clothing. If skin reaction develops, contact dermatologist.

Inhalation:

Remove person to fresh air. Increase ventilation.

Ingestion:

Rinse out mouth with water and administer large amounts of milk. Contact Poison Control Center.

Section VII - Precautions for Safe Handling and Use

Steps to be taken in Case Material is released or Spilled:

Avoid ignition sources. Material is flammable. Contain spill and promptly clean up. Flush with water. Floor can be slippery when wet.

Waste Disposal Method:

Products covered by this MSDS, in their original form, are considered hazardous waste according to RCRA (D001). Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations.

Precautions to be Taken in Handling and Storage:

FLAMMABLE! Keep away from fire and flames. Keep containers closed. Follow flammable liquid storage requirements. Keep away from radiators and heat. Store in a room with even, normal temperatures, away from heating elements.

Section VIII - Control Measures

Ventilation:

Exhaust system ventilation should be adequate to avoid buildup of vapors.

Hand Protection:

Use impervious gloves to avoid possible skin reaction.

Eye Protection:

Avoid contact with eyes. Use protective eyewear, if splashing is possible.

Other Types of Protection:

Not applicable.

Respiratory Protection:

Avoid inhalation.

Work Hygienic Practices:

Always follow good hygienic work practices. Avoid eye, clothing, and prolonged skin contact with products. In case of contact, rinse thoroughly with water. Promptly clean up all spills.

Section IX - Transportation Information

DOT Class: Over 16 oz. containers: Ethyl Alcohol Solutions 3, UN1170, PG II, 16 oz. containers and under: Consumer Commodity ORM-D

IMDG: Over 16 oz. containers: Ethyl Alcohol Solutions 3.2 UN1170, PGII, Under 16 oz containers: Ethyl Alcohol Solutions, 3.2 UN1170, PGII, Limited Quantities

IATA/ICAO: Over 16 oz. containers: Ethyl Alcohol Solutions, 3, UN1170, PGII, Packing Instructions 305, Under 16 oz. containers: Consumer Commodity, Class 9, ID8000, Packing Instructions 910