

# Material Safety Data Sheet



Issuing Date: 13-Jun-2012

Revision Date: 13-Jun-2012

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product ID:** 98926383

**Product Name** Pantene Pro-V Expert Collection Advanced + Keratin Repair 60 Second Therapy

**Uses advised against** All other uses

**Synonyms** No information available

**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: 01-800-681-9531

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

**WHMIS** Not subject to WHMIS classification

**Principle Routes of Exposure** Eye contact. Skin contact.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
1-Docosanaminium, N,N,N-trimethyl-, chloride (1:1)	17301-53-0	1 - 5
1-Hexadecanol	36653-82-4	1 - 5
Isopropanol	67-63-0	0.1 - 1
Benzyl acetate	140-11-4	< 0.1

#### 4. FIRST AID MEASURES

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Inhalation</b>	Not an expected route of exposure.
<b>Protection of First-aiders</b>	Use personal protective equipment.
<b>Most important symptoms/effects, acute and delayed</b>	No information available.
<b>Notes to physician</b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b>	Not applicable
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available.
<b>Special Hazard</b>	None in particular
<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.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	None under normal use conditions.
<b>Advice for emergency responders</b>	Use personal protective equipment.
<b>Environmental precautions</b>	No special environmental precautions required.
<b>Methods for Containment</b>	No information available.
<b>Methods for Cleaning up</b>	No information available.

#### 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Technical measures/Storage conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL
Isopropanol	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>	Mexico: TWA 400 ppm Mexico: TWA 980 mg/m <sup>3</sup> Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m <sup>3</sup>
Benzyl acetate	TWA: 10 ppm	-		-
Chemical Name	British Columbia	Alberta	Quebec	Ontario TWAEV
Isopropanol	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm TWA: 492 mg/m <sup>3</sup> STEL: 400 ppm STEL: 984 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 985 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1230 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm
Benzyl acetate	TWA: 10 ppm	TWA: 10 ppm TWA: 61 mg/m <sup>3</sup>	-	TWA: 10 ppm

**Engineering Measures**

Not applicable.

**Personal Protective Equipment**

**Eye Protection**

No special protective equipment required.

**Hand Protection**

No special protective equipment required.

**Skin and body protection**

No special protective equipment required.

**Respiratory protection**

No special protective equipment required.

**Thermal hazards**

Not applicable.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**

See Section 6.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @20°C** Cream/ Lotion  
**Appearance** White to pale yellow. cream.  
**Odor** Characteristic

<u>Property</u>	<u>Values</u>	<u>Note</u>
<b>pH VALUE</b>	3.5 - 6.5	
<b>Melting/freezing point</b>	No information available	
<b>Boiling point/boiling range</b>	No information available	
<b>Flash Point</b>	Not applicable	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>upper flammability limit</b>	No information available	
<b>lower flammability limit</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	0.96	
<b>Water solubility</b>	No information available	
<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	
<b>Bulk Density</b>	No information available	

<b>Chemical Name</b>	<b>log Pow</b>
1-Hexadecanol	6.65
Isopropanol	0.05
Benzyl acetate	1.96

## 10. STABILITY AND REACTIVITY

**Reactivity** None under normal use conditions.

**Stability** Stable under normal conditions.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Hazardous Reactions** None under normal processing.

**Conditions to Avoid** None under normal processing.

**Materials to Avoid** None in particular.

**Hazardous Decomposition Products** None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Acute Toxicity

Product does not present an acute toxicity hazard based on known or supplied information.

#### Principle Routes of Exposure

Eye contact. Skin contact.

#### **Inhalation**

No known effect based on information supplied.

#### **Skin contact**

No known effect based on information supplied.

#### **Ingestion**

No known effect based on information supplied.

#### **Eye contact**

No known effect based on information supplied.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1-Hexadecanol	5 g/kg ( Rat )	2600 mg/kg ( Rabbit )	-
Isopropanol	4396 mg/kg ( Rat )	12800 mg/kg ( Rat ) 12870 mg/kg ( Rabbit )	72.6 mg/L ( Rat ) 4 h
Benzyl acetate	2490 mg/kg ( Rat )	5 g/kg ( Rabbit )	-

### Chronic Toxicity

#### **Corrosivity**

No known effect.

#### **Sensitization**

No known effect.

#### **Neurological Effects**

No known effect.

#### **Reproductive Toxicity**

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

#### **Mutagenic Effects**

There are no known mutagenic chemicals in this product.

#### **Developmental Toxicity**

No known effect.

#### **Teratogenicity**

No known effect.

#### **Carcinogenicity**

Contains no ingredients above reportable quantities listed as a carcinogen.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

**Acute Toxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
Isopropanol	EC50 96 h > 1000 mg/L <i>Desmodesmus subspicatus</i> EC50 72 h > 1000 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h = 9640 mg/L <i>Pimephales promelas</i> flow-through LC50 96 h = 11130 mg/L <i>Pimephales promelas</i> static LC50 96 h > 1400000 µg/L <i>Lepomis macrochirus</i>	-	EC50 48 h = 13299 mg/L <i>Daphnia magna</i> > 1000 mg/L EC50	-

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility** No information available.

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste from Residues / Unused Products** Dispose of in accordance with local regulations.

**Contaminated packaging** Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

DOT Not regulated

TDG Not regulated

MEX Not regulated

IATA Not regulated

ICAO Not regulated

IMDG/IMO Not regulated

**15. REGULATORY INFORMATION**

U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	no
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

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

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Chemical Name	Volatile Organic Compounds	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
1-Hexadecanol	Present	-
Isopropanol	Present	-
Benzyl alcohol	Present	-

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**U.S. State Regulations**

**California Proposition 65**

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

Chemical Name	Pennsylvania
Isopropanol	X

**International Regulations**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>NDSL</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

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## 16. OTHER INFORMATION

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**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 MSDS**