

Material Safety Data Sheet



Issuing Date: 24-Jun-2012

Revision Date: 24-Jun-2012

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID:	92349956
Product Name	Pantene Pro-V Truly Relaxed Lightweight Shampoo
Recommended use	Personal Beauty Care Product
Uses advised against	All other uses
Synonyms	No information available
Manufacturer	The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45202
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

Irritating to eyes

OSHA Regulatory Status	Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard.
WHMIS	Not subject to WHMIS classification
Principle Routes of Exposure	Eye contact. Skin contact.
General Hazards	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sulfuric acid monododecyl ester sodium salt (1:1)	151-21-3	7 - 13
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	3 - 7
Citric acid	77-92-9	0.1 - 1
Laureth-3	3055-94-5	0.1 - 1
Tetrasodium ethylenediaminetetraacetate	64-02-8	0.1 - 1
Sodium hydroxide	1310-73-2	< 0.1
Phenylethyl alcohol	60-12-8	< 0.1
Benzyl acetate	140-11-4	< 0.1

4. FIRST AID MEASURES

General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
Skin contact	If skin problems occur, discontinue use. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Inhalation	Not an expected route of exposure.
Protection of First-aiders	Use personal protective equipment.
Most important symptoms/effects, acute and delayed	None known.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	Not applicable
Method	Does not sustain combustion.
Suitable Extinguishing Media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Unsuitable Extinguishing Media	No information available.
Special Hazard	None in particular
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions None under normal use conditions.

Advice for emergency responders Use personal protective equipment.

Environmental precautions **Household:** Do not discharge product into natural waters without pre-treatment or adequate dilution. **Non-household:** Should not be released into the environment.

Methods for Containment No information available.

Methods for Cleaning up No information available.

7. HANDLING AND STORAGE

Advice on safe handling Keep out of the reach of children. Observe label precautions.

Technical measures/Storage conditions Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL
Sodium hydroxide	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³	Mexico: Ceiling 2 mg/m ³
Benzyl acetate	TWA: 10 ppm	-		-
Chemical Name	British Columbia	Alberta	Quebec	Ontario TWAEV
Sodium hydroxide	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³	CEV: 2 mg/m ³
Benzyl acetate	TWA: 10 ppm	TWA: 10 ppm TWA: 61 mg/m ³	-	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 None under normal use conditions.

Environmental Exposure Controls See Section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C liquid
Appearance white.
Odor Pleasant, Aromatic

Property	Values	Note
pH VALUE	5.5 - 6.5	
Melting/freezing point	No information available	
Boiling point/boiling range	> 99.98 °C / > 212 °F	
Flash Point	Not applicable	Does not sustain combustion
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
upper flammability limit	No information available	
lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	Not applicable	
Relative density	0.99-1.05	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity of Product	No information available	
Bulk Density	No information available	

Chemical Name	log Pow
Sulfuric acid monododecyl ester sodium salt (1:1)	1.6
Citric acid	-1.72
Benzyl acetate	1.96
Phenylethyl alcohol	1.38

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

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

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 Irritating to eyes.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sulfuric acid monododecyl ester sodium salt (1:1)	1288 mg/kg (Rat)	580 mg/kg (Rabbit)	3900 mg/m ³ (Rat) 1 h
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy) -, sodium salt (1:1)	1600 mg/kg (Rat)	-	-
Citric acid	6000.00 mg/kg (rat)	-	-
Tetrasodium ethylenediaminetetraacetate	1700.00 mg/kg (rat)	-	-
Sodium hydroxide	-	1350 mg/kg (Rabbit)	-
Benzyl acetate	2490 mg/kg (Rat)	5 g/kg (Rabbit)	-
Phenylethyl alcohol	1790 mg/kg (Rat)	790 µL/kg (Rabbit)	1.38 mg/L (Rat) 4 h

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
Sulfuric acid monododecyl ester sodium salt (1:1)	EC50 72 h = 53 mg/L Desmodesmus subspicatus EC50 96 h 30 - 100 mg/L Desmodesmus subspicatus EC50 96 h = 117 mg/L Pseudokirchneriella subcapitata EC50 96 h 3.59 - 15.6 mg/L Pseudokirchneriella subcapitata static	LC50 96 h 8 - 12.5 mg/L Pimephales promelas static LC50 96 h 15 - 18.9 mg/L Pimephales promelas static LC50 96 h 22.1 - 22.8 mg/L Pimephales promelas static LC50 96 h 4.3 - 8.5 mg/L Oncorhynchus mykiss static LC50 96 h = 4.62 mg/L Oncorhynchus mykiss flow-through LC50 96 h = 4.2 mg/L Oncorhynchus mykiss LC50 96 h = 7.97 mg/L Brachydanio rerio flow-through LC50 96 h 9.9 - 20.1 mg/L Brachydanio rerio semi-static LC50 96 h 4.06 - 5.75 mg/L Lepomis macrochirus static LC50 96 h 4.2 - 4.8 mg/L Lepomis macrochirus flow-through LC50 96 h = 4.5 mg/L Lepomis macrochirus LC50 96 h 5.8 - 7.5 mg/L Pimephales promelas static LC50 96 h 10.2 - 22.5 mg/L Pimephales promelas semi-static LC50 96 h 6.2 - 9.6 mg/L Pimephales promelas LC50 96 h 13.5 - 18.3 mg/L Poecilia reticulata semi-static LC50 96 h 10.8 - 16.6 mg/L Poecilia reticulata static LC50 96 h = 1.31 mg/L Cyprinus carpio semi-static	-	EC50 48 h = 1.8 mg/L Daphnia magna = 53 mg/L EC50 30 - 100 mg/L EC50 = 117 mg/L EC50 3.59 - 15.6 mg/L EC50	-
Citric acid	-	LC50 96 h = 1516 mg/L Lepomis macrochirus static	-	EC50 72 h = 120 mg/L Daphnia magna	-
Tetrasodium ethylenediaminetetraacetate	EC50 72 h = 1.01 mg/L Desmodesmus subspicatus	LC50 96 h = 41 mg/L Lepomis macrochirus static LC50 96 h = 59.8 mg/L Pimephales promelas static	-	EC50 24 h = 610 mg/L Daphnia magna = 1.01 mg/L EC50	-

Sodium hydroxide	-	LC50 96 h = 45.4 mg/L Oncorhynchus mykiss static	-	-	-
Phenylethyl alcohol	EC50 72 h = 490 mg/L Desmodesmus subspicatus	LC50 96 h 220 - 460 mg/L Leuciscus idus static	-	EC50 48 h = 287.17 mg/L Daphnia magna = 490 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 **Household:** Do not discharge product into natural waters without pre-treatment or adequate dilution. **Non-household:** Should not be released into the environment.

Contaminated packaging Dispose of in accordance with local regulations.

California Hazardous Waste Codes (non-household setting) 561

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hydroxide	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

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)

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

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1000 lb	-	-	X

U.S. State Regulations

California Proposition 65

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

Chemical Name	Pennsylvania
Sulfuric acid sodium salt (1:2)	X
Sodium hydroxide	X
2-Phenoxyethyl isobutyrate	X

International Regulations

Canada

WHMIS Hazard Class

Not subject to WHMIS classification

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. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

International Inventories

TSCA Exempt
 DSL Exempt
 NDSL Exempt

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend

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

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

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