

Material Safety Data Sheet



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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID:	96281103
Product Name	Clairol Professional Volume Daily Shampoo
Product Type	Finished Product - Professional Use Only
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	When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
WHMIS	Not subject to WHMIS classification
Principle Routes of Exposure	Eye 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 %
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy)-, sodium salt (1:1)	9004-82-4	3 - 7
Sulfuric acid monododecyl ester sodium salt (1:1)	151-21-3	3 - 7
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	1300-72-7	1 - 5

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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.
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. Do NOT induce vomiting. If symptoms persist, call a physician.
Inhalation	Move to fresh air.
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	No information available
Suitable Extinguishing Media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Extinguishing media which shall not be used for safety reasons	No information available
Special Hazard	None known based on information supplied
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with the skin and the eyes.
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	Non-household: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for Cleaning up	Non-household: 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).

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.

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.
Engineering Measures	Not applicable.
<u>Personal Protective Equipment</u>	
Eye Protection	If splashes are likely to occur, wear.. Safety glasses with side-shields.
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. Use personal protective equipment as required.
Environmental Exposure Controls	See Section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C liquid
 Appearance Liquid.
 Odor Characteristic

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH VALUE	4.6 - 5.2	
Melting/freezing point	No information available	
Boiling point/boiling range	> 100 °C / > 212 °F	
Flash Point	No information available	
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	No information available	
Relative density	No information available	
Water solubility	No information available	
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	Partition Coefficient (n-octanol/water)
Sulfuric acid monododecyl ester sodium salt (1:1)	-2.03 (at 20 C; Computational Approach in OECD Guideline 107)
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	-3.12 (EU Method A.8; shake-flask method; at 20 C and pH 11.96)
Dodecanol (Alcohol C12)	5.36

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

Oxidizing Properties No information available

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	Irritating to eyes.
Principle Routes of Exposure	Eye 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
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy) -, sodium salt (1:1)	= 1600 mg/kg (Rat)	-	-
Sulfuric acid monododecyl ester sodium salt (1:1)	1200 mg/kg bw (OECD 401, Rat)	> 2000 mg/kg bw (Expert assessment)	> 3900 mg/m ³ (Rat) 1 h
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	> 7000 mg/kg bw (OECD 401; rat)	> 2000 mg/kg bw (OECD 402; rabbit)	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N -dimethyl-, N-coco acyl derivs., inner salts	= 4900 mg/kg (Rat)	-	-
Dodecanol (Alcohol C12)	> 5000 mg/kg (Rat)	-	-

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)	> 120 mg/L (DIN 38412, part 9; <i>Desmodesmus subspicatus</i> , based on growth rate)	29 mg/L (OECD 203, <i>Pimephales promelas</i> , flow-through)	135 mg/L (Activated sludge, respiration rate)	5.55 mg/L (<i>Ceriodaphnia dubia</i> , flow-through)	-
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	758 mg/L (EPA OTS 797.1050; <i>Pseudokirchnerella subcapitata</i> ; static)	> 1000 mg/L (EPA OTS 797.1400; <i>Oncorhynchus mykiss</i> ; static)	> 1000 mg/L (OECD 209; activated sludge of a predominantly domestic sewage; static)	> 1000 mg/L (EPA OTS 797.1300; <i>Daphnia magna</i> ; static)	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	EC50 72 h 1.0 - 10.0 mg/L <i>Desmodesmus subspicatus</i> EC50 96 h = 0.55 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h 1.0 - 10.0 mg/L <i>Brachydanio rerio</i> LC50 96 h = 2 mg/L <i>Brachydanio rerio</i> semi-static	-	EC50 48 h = 6.5 mg/L <i>Daphnia magna</i> 1.0 - 10.0 mg/L EC50 = 0.55 mg/L EC50	-
Dodecanol (Alcohol C12)	EC50 96 h = 0.62 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h = 1.01 mg/L <i>Pimephales promelas</i> flow-through LC50 96 h = 0.1855 mg/L <i>Pimephales promelas</i>	-	EC50 48 h = 320 mg/L <i>Daphnia magna</i> = 0.62 mg/L EC50	-

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)	30 mg/L (DIN 38412, part 9; <i>Desmodesmus subspicatus</i> , based on biomass)	> 1.357 mg/L (<i>Pimephales promelas</i> , 42 d)			
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	240 mg/L (EPA OTS 797.1050; <i>Pseudokirchnerella subcapitata</i> ; static)				

Persistence and degradability No information available.

Chemical Name	Ready Test Results	Other Degradability / Persistence Test Results
Sulfuric acid monododecyl ester sodium salt (1:1)	95% (OECD 301 B; 28 d, CO ₂ evolution)	
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	>=103 % (OECD 301 B; aerobic; activated sludge, domestic)	99.8% (Read across data on Sodium p-toluenesulfonate; OECD 301 B; aerobic; activated sludge, domestic, non-adapted; CO ₂ evolution)

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. Dispose of in accordance with local regulations.

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	yes
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

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 Product is a personal care product and regulated under FDA

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

Revision Date: 06-Mar-2013

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