

# SAFETY DATA SHEET



Issuing Date: 26-Feb-2015

Revision Date: 26-Feb-2015

Version 1

## 1. IDENTIFICATION

**Product Name** Clairol Professional Radiance 4A Light Ash Brown

**Product ID:** 96843238\_PROF\_NG

**Product Type:** Finished Product - Professional 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

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

**Acute toxicity - Oral** Category 4  
**Skin corrosion/irritation** Category 1  
**Subcategory** Sub-category B  
**Eye Damage / Irritation** Category 1  
**Skin sensitization** Category 1

**Signal Word** DANGER

**Hazard Statements** Harmful if swallowed  
Causes severe skin burns and eye damage  
May cause an allergic skin reaction

**Hazard pictograms**



**Precautionary Statements - Prevention** Wear protective gloves and protective clothing  
Wear eye/face protection

Do not breathe dust/fume/gas/mist/vapors/spray  
 Wash hands thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 IF SWALLOWED: rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Response**

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a POISON CENTER or doctor/physician  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Storage**

None

**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 %
Ethoxydiglycol	-	No	111-90-0	5 - 10
2-Amino-2-methylpropanol	-	No	124-68-5	1 - 5
Poly(oxy-1,2-ethanediyl), alpha,alpha'-[[[(9Z,12Z)-(2,3-dihydroxy propyl)-9,12-octadecadien-1-yliminio]d i-2,1-ethanediyl]bis[omega-hydroxy-, chloride (1:1)	-	No	168677-75-6	0.5 - 1.5
p-Phenylene diamine	-	No	106-50-3	0.1 - 1.0
1,3-Benzenediol, 2-methyl-	-	No	608-25-3	0.1 - 1.0
Octamethylcyclotetrasiloxane	-	No	556-67-2	0.1 - 1.0
Ethanol, 2,2'-[(4-aminophenyl)imino]bis-, sulfate (1:1) (salt)	-	No	54381-16-7	0.1 - 1.0

### 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. Immediately call a POISON CENTER or doctor/physician.

**Skin contact**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms persist, call a physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.

**Inhalation**

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**Most important symptoms/effects, acute and delayed**

Risk of serious damage to eyes. May cause burns. May cause sensitization by skin contact.

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

**Notes to Physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Water. Dry chemical. Alcohol-resistant foam.
<b>Unsuitable Extinguishing Media</b>	None.
<b>Special hazard</b>	None known.
<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>	None.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective gloves/clothing and eye/face protection. Do not get in eyes, on skin, or on clothing.
<b>Advice for emergency responders</b>	Use personal protective equipment as required.
<b>Environmental precautions</b>	Keep out of waterways. 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. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<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).

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on safe handling</b>	Keep container closed when not in use. Never return spills in original containers for re-use. Use personal protective equipment as required. Keep out of the reach of children.
--------------------------------	---

### 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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
---------------	--------	-----------	----------	------------

p-Phenylene diamine	106-50-3	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> (vacated) TWA: 0.1 mg/m <sup>3</sup> (vacated) S* S*	Mexico: TWA 0.1 mg/m <sup>3</sup>
---------------------	----------	----------------------------	--	-----------------------------------

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Ethoxydiglycol	111-90-0			TWA: 30 ppm TWA: 165 mg/m <sup>3</sup>	
p-Phenylene diamine	106-50-3	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> Skin	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> Sensitizer

No relevant exposure guidelines for other ingredients

### Exposure controls

**Engineering Measures** No information available

### Personal Protective Equipment

**Eye Protection** **Manufacturing Sites:**  
Wear eye/face protection  
**Distribution, Workplace and Household Settings:**  
Requires Eye Protection

**Hand Protection** **Manufacturing Sites:**  
Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion  
**Distribution, Workplace and Household Settings:**  
Protective gloves

**Skin and Body Protection** **Manufacturing Sites:**  
Wear protective gloves/clothing  
**Distribution, Workplace and Household Settings:**  
No special protective equipment required

**Respiratory Protection** **Manufacturing Sites:**  
Do not breathe vapors, mist or gas  
**Distribution, Workplace and Household Settings:**  
No special protective equipment required

**Hygiene measures** **Manufacturing Sites:**  
Wash hands thoroughly after handling  
**Distribution, Workplace and Household Settings:**  
Do not eat, drink or smoke when using this product

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @20°C** liquid  
**Appearance** translucent yellow  
**Odor** Perfume  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
<b>pH value</b>	9.5 - 10.5	
<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	

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
Oxidizing properties	Not applicable.
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

#### Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	May cause burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed.
Ingestion	Harmful if swallowed.
Eye contact	Avoid contact with eyes.

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

Acute toxicity	May be harmful if swallowed.
Skin corrosion/irritation	Causes burns.
Serious eye damage/eye irritation	Risk of serious damage to eyes.
Skin sensitization	May cause sensitization by skin contact.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

### Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
---------------	--------	-----------	-------------	-----------------

Ethoxydiglycol	111-90-0	-	-	>0.025 mg/L (rat)
2-Amino-2-methylpropanol	124-68-5	2900 mg/kg bw (Similar to OECD 401; standard acute method; rat)	> 2000 mg/kg bw (Similar to OECD 402; standard acute method; rabbit)	-
p-Phenylene diamine	106-50-3	-	> 7940 mg/kg bw (Guideline not indicated; rabbit)	-
1,3-Benzenediol, 2-methyl-	608-25-3	200 - 219 mg/kg (rat)	-	-
Octamethylcyclotetrasiloxane	556-67-2	> 4800 mg/kg bw (Similar to OECD 401; standard acute method; rat)	> 2400 mg/kg bw (Similar to OECD 402; standard acute method; rat)	36 mg/L air (OECD 403; standard acute method; rat; 4 h)
Ethanol, 2,2'-[(4-aminophenyl)imino]bis-, sulfate (1:1) (salt)	54381-16-7	264 mg/kg (rat)	-	-

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

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

**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 treatment

**Waste from Residues / Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IMDG** Not regulated

**IATA** 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	SARA 313 - Threshold Values %
Ethoxydiglycol	111-90-0	1.0

**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	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Resorcinol	108-46-3	5000 lb	-	
p-Phenylene diamine	106-50-3	5000 lb	-	
Edetic acid	60-00-4	5000 lb	-	

**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 contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	CAS-No	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Ethoxydiglycol	111-90-0	X
p-Phenylene diamine	106-50-3	X

**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	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Resorcinol	108-46-3	5000 lb	-	-	X
Edetic acid	60-00-4	5000 lb	-	-	X

**California Proposition 65**

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

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

Chemical Name	CAS-No	New Jersey
Ethoxydiglycol	111-90-0	X
2-Amino-2-methylpropanol	124-68-5	X

Chemical Name	CAS-No	Massachusetts
2-Amino-2-methylpropanol	124-68-5	X

Chemical Name	CAS-No	Pennsylvania
Ethoxydiglycol	111-90-0	X
2-Amino-2-methylpropanol	124-68-5	X
Resorcinol	108-46-3	X
p-Phenylene diamine	106-50-3	X
Dipropylene Glycol	25265-71-8	X
Glycerin	56-81-5	X
Isopropanol	67-63-0	X
Edetic acid	60-00-4	X
Hexylene Glycol	107-41-5	X

**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.

<b>16. OTHER INFORMATION</b>
------------------------------

<b>Issuing Date:</b>	26-Feb-2015
<b>Revision Date:</b>	26-Feb-2015
<b>Reason for revision</b>	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**