

# SAFETY DATA SHEET



Issuing Date: 30-Oct-2015

Revision Date: 30-Oct-2015

Version 1

## 1. IDENTIFICATION

<b>Product Name</b>	Wella Color Charm PERM LIQ 5NN Intense Light Brown
<b>Product ID:</b>	99295640_PROF_NG
<b>Product Type:</b>	Finished Product - Professional Use Only
<b>Recommended use</b>	Personal Beauty Care Product
<b>Manufacturer</b>	<p>The Procter &amp; Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45241 +1 513 626-2500</p> <p>Procter &amp; Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 Professional Products: 1-800-465-2945; Retail Products: 1-800-465-2945</p>
<b>E-mail Address</b>	pgsds.im@pg.com
<b>Emergency Telephone</b>	<p>Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531</p>

## 2. HAZARD IDENTIFICATION

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

<b>Acute toxicity - Oral</b>	Category 4
<b>Skin corrosion/irritation</b>	Category 1
<b>Subcategory</b>	Sub-category B
<b>Eye Damage / Irritation</b>	Category 1
<b>Skin sensitization</b>	Category 1
<b>Signal Word</b>	DANGER
<b>Hazard Statements</b>	<p>Harmful if swallowed Causes severe skin burns and eye damage May cause an allergic skin reaction</p>
<b>Hazard pictograms</b>	



**Precautionary Statements - Prevention**

Wear protective gloves and protective clothing  
Wear eye/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Use personal protective equipment as required  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wash hands thoroughly after handling  
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 %
Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy- branched and linear	Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hy droxy-, branched and linear	No	127036-24-2	20 - 25
Isopropanol	Isopropanol	No	67-63-0	10 - 15
Alcohols, C12-14, ethoxylated	Alcohols, C12-14, ethoxylated	No	68439-50-9	1 - 5
Ammonia anhydrous	Ammonia anhydrous	No	7664-41-7	1 - 5
2-Methyl-p-phenylenediamine hemisulphate	2-Methyl-p-phenylenedia mine hemisulphate	No	615-50-9	1 - 5
2-Aminoethanol	2-Aminoethanol	No	141-43-5	1 - 5
Resorcinol	Resorcinol	No	108-46-3	1 - 5
Propylene glycol	Propylene glycol	No	57-55-6	0.5 - 1.5

### 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.

<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms persist, call a physician.
<b>Ingestion</b>	If swallowed: Not an expected route of exposure. Clean mouth with water and afterwards drink plenty of water. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>Most important symptoms/effects, acute and delayed</b>	Risk of serious damage to eyes. May cause sensitization by skin contact. May cause burns.

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

<b>Notes to Physician</b>	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**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
Isopropanol	67-63-0	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>	Mexico: TWA 400 ppm Mexico: TWA 980 mg/m <sup>3</sup> Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m <sup>3</sup>
Ammonia anhydrous	7664-41-7	STEL: 35 ppm TWA: 25 ppm	TWA: 50 ppm TWA: 35 mg/m <sup>3</sup> (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m <sup>3</sup>	Mexico: TWA 25 ppm Mexico: TWA 18 mg/m <sup>3</sup> Mexico: STEL 35 ppm Mexico: STEL 27 mg/m <sup>3</sup>
2-Aminoethanol	141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m <sup>3</sup> (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m <sup>3</sup> (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m <sup>3</sup>	Mexico: TWA 3 ppm Mexico: TWA 8 mg/m <sup>3</sup> Mexico: STEL 6 ppm Mexico: STEL 15 mg/m <sup>3</sup>
Resorcinol	108-46-3	STEL: 20 ppm TWA: 10 ppm	(vacated) TWA: 10 ppm (vacated) TWA: 45 mg/m <sup>3</sup> (vacated) STEL: 20 ppm (vacated) STEL: 90 mg/m <sup>3</sup>	Mexico: TWA 10 ppm Mexico: TWA 45 mg/m <sup>3</sup> Mexico: STEL 20 ppm Mexico: STEL 90 mg/m <sup>3</sup>

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWA/STEL	British Columbia
Isopropanol	67-63-0	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	TWA: 200 ppm STEL: 400 ppm
Ammonia anhydrous	7664-41-7	TWA: 25 ppm TWA: 17 mg/m <sup>3</sup> STEL: 35 ppm STEL: 24 mg/m <sup>3</sup>	TWA: 25 ppm TWA: 17 mg/m <sup>3</sup> STEL: 35 ppm STEL: 24 mg/m <sup>3</sup>	TWA: 25 ppm STEL: 35 ppm	TWA: 25 ppm STEL: 35 ppm
2-Aminoethanol	141-43-5	TWA: 3 ppm TWA: 7.5 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>	TWA: 3 ppm TWA: 7.5 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>	TWA: 3 ppm STEL: 6 ppm	TWA: 3 ppm STEL: 6 ppm
Resorcinol	108-46-3	TWA: 10 ppm TWA: 45 mg/m <sup>3</sup> STEL: 20 ppm STEL: 90 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 45 mg/m <sup>3</sup> STEL: 20 ppm STEL: 90 mg/m <sup>3</sup>	TWA: 10 ppm STEL: 20 ppm	TWA: 10 ppm STEL: 20 ppm
Propylene glycol	57-55-6			TWA: 10 mg/m <sup>3</sup> TWA: 50 ppm TWA: 155 mg/m <sup>3</sup>	

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 impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

**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	Liquid	
Appearance	viscous liquid yellow	
Odor	characteristic	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	9.5 - 10.8	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	23 °C / 73.4 °F	
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	
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** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed. May cause burns.  
**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
Isopropanol	67-63-0	5840 mg/kg bw (//OECD 401)	12956 mg/kg bw (//OECD 402)	> 24.578 mg/L air (//OECD 403)
2-Methyl-p-phenylenediamine hemisulphate	615-50-9	102 mg/kg bw	-	1.77 mg/L air (QSAR)
2-Aminoethanol	141-43-5	1089 mg/kg bw (Similar to OECD 401; standard acute method; rat)	1000 mg/kg (rabbit)	-
Resorcinol	108-46-3	510 mg/kg bw (OECD 401)	2830 mg/kg bw	> 7.8 mg/L air

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Hazardous to the Aquatic 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.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Resorcinol	U201	-	-	U201

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

**Disposal recommendations** Products covered by this SDS, in their original form, when disposed from a commercial facility as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations(40 CFR 261). Disposal should be in accordance with Local, State and Federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT

**UN no** UN3082  
**UN Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy-, branched and linear, Ammonia anhydrous), , 9, III, RQ , Ltd. Qty.  
**Hazard Class** 9  
**Packing Group** III  
**Reportable Quantity (RQ)** Ammonia: RQ kg= 1189.23  
**Special Provisions** 8, 146, 173, 335, IB3, T4, TP1, TP29  
**Marine pollutant** Marine pollutant.  
**Emergency Response Guide Number** 171

#### IMDG

**UN Number** UN3082  
**UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy-, branched and linear, Ammonia anhydrous), , 9, III , Ltd. Qty.  
**Transport hazard class(es)** 9  
**Packing Group** III  
**Special precautions for user** 274, 335  
**EmS-No** F-A, S-F

#### IATA

**UN no** UN3082  
**UN Proper shipping name** Environmentally hazardous substance, liquid, n.o.s.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy-, branched and linear, Ammonia anhydrous), 9, III , Ltd. Qty.  
**Hazard Class** 9  
**Packing Group** III  
**ERG Code** 9L  
**Special precautions for user** A97, A158, A197  
**IATA comment** Can also be shipped as ID8000 Consumer Commodity

## 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 %
Isopropanol	67-63-0	1.0
Ammonia anhydrous	7664-41-7	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
Ammonia anhydrous	7664-41-7	100 lb	100 lb	500 lb
Resorcinol	108-46-3	5000 lb	-	

#### Food and Drug Administration (FDA)

The product described in this 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	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonia anhydrous	7664-41-7	100 lb	-	-	X
Resorcinol	108-46-3	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
Isopropanol	67-63-0	X
Ammonia anhydrous	7664-41-7	X
2-Aminoethanol	141-43-5	X
Resorcinol	108-46-3	X
Propylene glycol	57-55-6	X

Chemical Name	CAS-No	Massachusetts
Isopropanol	67-63-0	X
Ammonia anhydrous	7664-41-7	X
2-Aminoethanol	141-43-5	X
Resorcinol	108-46-3	X

Chemical Name	CAS-No	Pennsylvania
9-Octadecenoic acid (9Z)-	112-80-1	X



Isopropanol	67-63-0	X
Ammonia anhydrous	7664-41-7	X
2-Aminoethanol	141-43-5	X
Resorcinol	108-46-3	X
Propylene glycol	57-55-6	X

Chemical Name	CAS-No	Rhode Island
Ammonia anhydrous	7664-41-7	X
Resorcinol	108-46-3	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.

## 16. OTHER INFORMATION

**Issuing Date:** 30-Oct-2015  
**Revision Date:** 30-Oct-2015  
**Reason for revision** 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**