

Material Safety Data Sheet



Issuing Date: 25-Jul-2013

Revision Date: 28-Mar-2014

Version 1.01

1. PRODUCT AND COMPANY INFORMATION

Product ID: 98996262_NA

Product name Wella Color Charm Liquid Permanent Colorant 8G 841 Light Golden Blonde

Product type Finished Product - Professional Use Only

Recommended use Personal Beauty Care Product

Synonyms

Shade 8N / 811 Light Blonde	98992191_NA
Shade 8NW Dark Natural Warm Brown	98992242_NA
Shade 9A / 940 Pale Ash Blonde	98995144_NA
Shade10NG 1070 Honey Beige Blonde	99277006_NA

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: 800-681-9531

2. HAZARDS IDENTIFICATION

Emergency Overview

Flammable
Risk of serious damage to eyes
Irritating to respiratory system and skin

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. 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. Skin contact. Inhalation.

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

Hazardous ingredients

Chemical Name	CAS-No	Weight %
Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy-, branched and linear	127036-24-2	10 - 30
Isopropanol	67-63-0	10 - 30
Ammonia solution	1336-21-6	5 - 10
Laureth-2	3055-93-4	1 - 5
4-Aminophenol	123-30-8	0.1 - 1
2-Methyl-p-phenylenediamine hemisulphate	615-50-9	0.1 - 1

4. FIRST AID MEASURES

General advice When symptoms persist or in all cases of doubt seek medical advice.

Eye contact Hair colorants can cause severe allergic reactions. 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. Consult a physician. Get medical attention immediately if symptoms occur.

Skin contact Hair colorants can cause severe allergic reactions. If skin problems occur, discontinue use. Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-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. Get medical attention if irritation persists.

Protection of first-aiders Use personal protective equipment. Remove all sources of ignition.

Most important symptoms/effects, acute and delayed None known.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties Flammable liquid.

Flash point 23 °C / 76.4 °F

Suitable extinguishing media Dry chemical, CO₂, water spray or alcohol-resistant foam.

Extinguishing media which shall not be used for safety reasons No information available.

Special hazard The release of the following substances is possible in a fire: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Nitrous oxides. May form explosive mixtures with air.

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 skin, eyes and inhalation of vapors.

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:** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use non-sparking tools and equipment. 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. Keep away from open flames, hot surfaces and sources of ignition.

Technical measures/Storage conditions Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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 ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	Mexico: TWA 400 ppm Mexico: TWA 980 mg/m ³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m ³	
Chemical Name	CAS-No	Alberta	Quebec	Ontario TWA/EV	British Columbia
Isopropanol	67-63-0	TWA: 200 ppm TWA: 492 mg/m ³ STEL: 400 ppm STEL: 984 mg/m ³	TWA: 400 ppm TWA: 985 mg/m ³ STEL: 500 ppm STEL: 1230 mg/m ³	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm

Engineering Measures Not applicable.

Personal Protective Equipment

Eye Protection Safety glasses with side-shields. If splashes are likely to occur, wear: Tightly fitting safety goggles.

Hand Protection Rubber/latex/neoprene or other suitable chemical resistant gloves.

Skin and body protection Wear protective gloves/clothing.

Respiratory protection	Use only with adequate ventilation.
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 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	liquid
Appearance	Pale yellow. orange. red. viscous liquid.
Odor	ammoniacal

Property	Values	Note
pH value	9.5 - 10.8	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	23 °C / 76.4 °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	
Vvapor pressure	No information available	
vapor density	No information available	
Relative density	0.99-1.01	
Water solubility	Slightly insoluble	
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)
Isopropanol	0.05
Ammonia solution	13.8
2-Methyl-p-phenylenediamine hemisulphate	0.74

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	Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.
Materials to avoid	None in particular.
Hazardous Decomposition Products	None under normal use.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity Risk of serious damage to eyes. Irritating to respiratory system and skin.

Principle routes of exposure Eye contact. Skin contact. Inhalation.

Inhalation Irritating to respiratory system.
Skin contact Irritating to skin.
Ingestion No known effect based on information supplied.
Eye contact Risk of serious damage to eyes.

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropanol	67-63-0	5840 mg/kg bw (Similar to OECD 401; standard acute method; rat)	13120 mg/kg bw (Similar to OECD 402; standard acute method; rabbit)	> 24.578732 mg/L air (Similar to OECD 403; standard acute method; rat; 6 h)
Ammonia solution	1336-21-6	350 mg/kg (Rat)	-	-
2-Methyl-p-phenylenediamine hemisulphate	615-50-9	102 mg/kg bw (Read across data on 2-methyl-1,4-benzenediamine; similar to OECD 401; standard acute method; rat)	1120 mg/kg (rabbit)	-

Chronic Toxicity

Corrosivity No known effect.
Sensitization May cause sensitization of susceptible persons.
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.
Germ cell mutagenicity 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

Chemical Name	CAS-No	Toxicity to algae	Toxicity to fish	Toxicity to Microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
Isopropanol	67-63-0	> 100 mg/L (Guideline not indicated; Leuciscus idus melanotus; static)	9640 mg/L (Similar to OECD 203 and U.S. Environmental Protection Agency Committee on Methods for Toxicity Tests with Aquatic Organisms (1975); Pimephales promelas; flow-through; freshwater)	Toxicity threshold: 1050 mg/L (similar to DIN 38412, part 8; Pseudomonas putida; static; freshwater; 16 h)	> 10000 mg/L (Similar to OECD 202; Daphnia magna; static; freshwater; mortality; 24 h)	3.2 % (Guideline not indicated; Drosophila melanogaster; 1 d)
Ammonia solution	1336-21-6	-	0.89 mg/L (Freshwater; no other test conditions indicated)	-	0.101 mg/L (Daphnia magna; no other test conditions indicated)	-
Chemical Name	CAS-No	Toxicity to algae	Toxicity to fish	Toxicity to Microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
Isopropanol	67-63-0				140.9 mg/L (Daphnia magna; freshwater; 16 d)	

Persistence and degradability

Chemical Name	Ready Test Results	Persistence and degradability
Isopropanol	53 % (Similar to EU Method C.5 and EU Method C.6; aerobic; sewage, domestic (adaptation not specified); O2 consumption; 5 d)	

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) 331

Other disposal recommendations **Non-household:** Products covered by this MSDS, 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/ID no	UN1993
Proper shipping name	Flammable liquids, n.o.s.
Hazard Class	3
Packing Group	III
Description	UN1993, Flammable liquids, n.o.s. (Propan-2-ol, Hexyl acetate), 3, III, Ltd. Qty.
Emergency Response Guide Number	128

TDG

UN/ID no	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Propan-2-ol, Hexyl acetate), 3, III, MARINE POLLUTANT, Ltd. Qty.

MEX

UN/ID no	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Propan-2-ol, Hexyl acetate), 3, III, MARINE POLLUTANT, Ltd. Qty.

IATA

UN/ID no	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
ERG Code	3L
Description	UN1993, Flammable liquid, n.o.s. (Propan-2-ol, Hexyl acetate), 3, III, Ltd. Qty.
IATA comment	Can also be shipped as ID8000 Consumer Commodity

ICAO

UN/ID no	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Propan-2-ol, Hexyl acetate), 3, III, Ltd. Qty.
ICAO Comment	Can also be shipped as ID8000 Consumer Commodity

IMDG

UN/ID no	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Hazard Class	3
Packing Group	III
EmS-No	F-E, S-E
Description	UN1993, Flammable liquid, n.o.s. (Propan-2-ol, Hexyl acetate), 3, III, (23°C c.c.), MARINE POLLUTANT, Ltd. Qty.

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	Weight %	SARA 313 - Threshold Values %
Isopropanol	67-63-0	14	1.0
Ammonia solution	1336-21-6	8.81853	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
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	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Ammonia solution	1336-21-6	1000 lb	-
Resorcinol	108-46-3	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
2-Phenoxyethyl isobutyrate	103-60-6	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	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonia solution	1000 lb	-	-	X
Resorcinol	5000 lb	-	-	X

Chemical Name	New Jersey
Isopropanol	X
Ammonia solution	X
Propylene glycol	X

Chemical Name	Massachusetts
Isopropanol	X
Ammonia solution	X

Chemical Name	Pennsylvania
9-Octadecenoic acid (9Z)-	X
Isopropanol	X
Ammonia solution	X
Propylene glycol	X
Resorcinol	X
2-Phenoxyethyl isobutyrate	X

Chemical Name	Rhode Island
Ammonia solution	X

California Proposition 65

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

International Regulations

Canada

WHMIS Hazard Class

Not subject to WHMIS classification.

WHMIS Statement

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.

CEPA

P&G Canadian Regulatory reviewed finished products to ensure CEPA Compliance.

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend

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

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

Issuing Date: 25-Jul-2013
Revision Date: 28-Mar-2014

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