

Material Safety Data Sheet



Issuing Date: 25-Jul-2013

Revision Date: 25-Jul-2013

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|----------------------------|--|
| Product ID: | 98990977 |
| Product name | Wella Color Charm Liquid Permanent Colorant 7N / 711 Medium Blonde |
| Product Type | Finished Product - Professional Use Only |
| Recommended use | Personal Beauty Care Product |
| Synonyms | Shade 6A / 462 Dark Ash Blonde 98993683 Shade 7A / 672 Medium Smokey Ash Blonde 98993784 Shade 6W Praline 98997781 Shade 7W Caramel 98997790 Shade 7WV Nutmeg 98998151 Shade 7NN Intense Medium Blonde 99295746 |
| 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

Flammable
Risk of serious damage to eyes
Vapors may cause drowsiness and dizziness
May cause sensitization by skin contact
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

| 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 |
| 2-Methyl-p-phenylenediamine hemisulphate | 615-50-9 | 1 - 5 |

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 in case of accidental inhalation of vapors. If symptoms persist, call a physician. |
| 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, CO ₂ , 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. Avoid breathing vapors or mists. |
| 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 | ACGIH TLV | OSHA PEL | NIOSH IDLH | P&G OEL | Mexico OEL |
|---------------|-----------|----------|------------|---------|------------|
|---------------|-----------|----------|------------|---------|------------|

| | | | | |
|----------------------|-------------------------------|---|---|---|
| Isopropanol | 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 | IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm 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 | Alberta | Quebec | Ontario TWAEV | British Columbia |
| Isopropanol | | 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** Maintain adequate ventilation Avoid breathing vapors, mist or gas.
- 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 Pale yellow. orange. red. viscous liquid .
Odor Ammoniacal

| <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 / 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 | |
| vapor 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 | 0.6 (EU 1.8) |

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. May cause drowsiness and dizziness.
Skin Contact Irritating to skin. May cause sensitization by skin contact.
Ingestion No known effect based on information supplied.
Eye Contact Risk of serious damage to eyes.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|--|---------------------|---|
| Isopropanol | 5840 mg/kg bw (similar to OECD 401; rat) | - | > 9988.6 mg/L (similar to OECD 403; rat; whole body; 6 h) |
| Ammonia solution | 350 mg/kg (Rat) | - | - |
| 2-Methyl-p-phenylenediamine hemisulphate | 102 mg/kg (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.
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 |
|------------------|---|--|--|--|-----------------------------|
| Isopropanol | > 100 mg/L (Leuciscus idus melanotus; static) | 9640 mg/L (Guideline: 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) | > 100 mg/L (Daphnia magna; static test) | - |
| Ammonia solution | - | 0.89 mg/L (Freshwater; no other test conditions indicated) | - | 0.101 mg/L (Daphnia magna; no other test conditions indicated) | - |

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to Microorganisms | Toxicity to daphnia and other aquatic invertebrates | Toxicity to other organisms |
|---------------|-------------------|------------------|----------------------------|---|-----------------------------|
| Isopropanol | | | | 140.9 mg/L (Daphnia magna; freshwater; 16 d) | |

Persistence and degradability

| Chemical Name | Ready Test Results | Other Degradability / Persistence Test Results |
|---------------|--|--|
| Isopropanol | BOD5/COD: > 0.5 (Guideline: similar to EU Method C.5 and similar to EU Method C.6; sewage, domestic (adaptation not specified); aerobic) | |

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 liquid, n.o.s (Propan-2-ol, Hexyl acetate), 3, III, , MARINE POLLUTANT, 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, MARINE POLLUTANT, 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, MARINE POLLUTANT, Ltd. Qty.

ICAO Comment Can also be shipped as ID8000 Consumer Commodity

IMDG/IMO

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 | 15 | 1.0 |
| Ammonia solution | 1336-21-6 | 8.72077 | 1.0 |

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | yes |
| Chronic Health Hazard | yes |
| 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 | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|------------------|--------------------------|------------------------------------|---|
| Ammonia solution | 1000 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ |
| Resorcinol | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 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 contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

| Chemical Name | CAA (Clean Air Act) - 1990 Hazardous Air Pollutants |
|----------------------------|---|
| 2-Phenoxyethyl isobutyrate | 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 |

U.S. State Regulations

California Proposition 65

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

| Chemical Name | New Jersey |
|------------------|------------|
| Isopropanol | X |
| Ammonia solution | X |

| Chemical Name | Massachusetts |
|------------------|---------------|
| Isopropanol | X |
| Ammonia solution | X |

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

| Chemical Name | Rhode Island |
|------------------|--------------|
| Ammonia solution | 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
CEPA P&G Canadian Regulatory reviewed this material 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
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

16. OTHER INFORMATION

Issuing Date: 25-Jul-2013
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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