

SAFETY DATA SHEET



Issuing Date: 24-Feb-2015

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Version 1

1. IDENTIFICATION

Product Name Koleston Perfect 6/4 DARK BLONDE RED Permanent Crème Haircolor

Product ID: 99454779_PROF_NG

Product Type: Finished Product - Professional Use Only

Recommended Use Personal Beauty Care Product

Synonyms Kolestone Perfect 7/43 (99482468_PROF_NG)
Koleston Perfect 9/73 VERY LIGHT BLOND BROWN GOLD (99497181_PROF_NG)
(99464718_PROF_NG)
(99462958_PROF_NG)
(99462423_PROF_NG)

Manufacturer The Procter & Gamble Company
Sharon Woods Innovation Center
11510 Reed Hartman Highway
Cincinnati OH 45241
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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 % |
|---|----------|--------------|------------|-----------|
| Alcohols, C16-18 | - | No | 67762-27-0 | 15 - 20 |
| Ammonia solution | - | No | 1336-21-6 | 1 - 5 |
| Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C12-14-alkyl ethers, sodium salts | - | No | 68891-38-3 | 1 - 5 |
| Sulfuric acid monododecyl ester sodium salt (1:1) | - | No | 151-21-3 | 1 - 5 |
| Phenol, 4-amino-3-methyl- | - | No | 2835-99-6 | 0.5 - 1.5 |
| 1,3-Benzenediol, 2-methyl- | - | No | 608-25-3 | 0.5 - 1.5 |
| 2-Methyl-p-phenylenediamine hemisulphate | - | No | 615-50-9 | 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

Suitable extinguishing media Water. Dry chemical. Alcohol-resistant foam.

Unsuitable Extinguishing Media None.

Special hazard None known.

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.

Specific hazards arising from the chemical None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective gloves/clothing and eye/face protection. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders Use personal protective equipment as required.

Environmental precautions 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

Methods for containment 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.

Methods for cleaning up 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

Advice on safe handling 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 No exposure limits noted for ingredient(s).

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 beige cream viscous
Odor ammoniacal, Perfume
Odor threshold No information available

| <u>Property</u> | <u>Values</u> | <u>Note</u> |
|------------------------------------|--------------------------|-------------|
| pH value | 9.0 - 12.0 | |
| Melting/freezing point | No information available | |
| Boiling point/boiling range | No information available | |
| 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 | 0.97 - 1.03 | |
| 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 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 |
|---|------------|--------------------------|----------------------------|-----------------|
| Ammonia solution | 1336-21-6 | 350 mg/kg (Rat) | - | - |
| Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C12-14-alkyl ethers, sodium salts | 68891-38-3 | 4100 mg/kg bw (OECD 401) | > 2000 mg/kg bw (OECD 402) | - |
| Sulfuric acid monododecyl ester | 151-21-3 | 977 mg/kg bw (OECD 401); | > 500 mg/kg bw (Read | - |

| | | | | |
|---|-----------|---|---|---|
| sodium salt (1:1) | | rat) | across data C10-16ASO4, NH4; guideline: Standard Procedure #10; fixed dose procedure; rabbit; based on active ingredient) | |
| Phenol, 4-amino-3-methyl-1,3-Benzenediol, 2-methyl- | 2835-99-6 | 1200 mg/kg (rat) | - | - |
| 2-Methyl-p-phenylenediamine hemisulphate | 608-25-3 | 200 - 219 mg/kg (rat) | - | - |
| | 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) | - |

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

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. (Ammonia solution, Phenol, 4-amino-3-methyl-), 9, III , Ltd. Qty.
Hazard Class 9
Packing Group III
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. (Ammonia solution, Phenol, 4-amino-3-methyl-), 9, III , Ltd. Qty.
Transport hazard class(es) 9
Packing Group III
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. (Ammonia solution, Phenol, 4-amino-3-methyl-), 9, III , Ltd. Qty.
Hazard Class 9
Packing Group III
ERG Code 9L
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 % |
|------------------|-----------|-------------------------------|
| Ammonia solution | 1336-21-6 | 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 solution | 1336-21-6 | 1000 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 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 solution | 1336-21-6 | 1000 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 |
|------------------|-----------|------------|
| Ammonia solution | 1336-21-6 | X |

| Chemical Name | CAS-No | Massachusetts |
|------------------|-----------|---------------|
| Ammonia solution | 1336-21-6 | X |

| Chemical Name | CAS-No | Pennsylvania |
|---------------------------------|-----------|--------------|
| Ammonia solution | 1336-21-6 | X |
| Sulfuric acid sodium salt (1:2) | 7757-82-6 | X |

| Chemical Name | CAS-No | Rhode Island |
|------------------|-----------|--------------|
| Ammonia solution | 1336-21-6 | 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: 24-Feb-2015
Revision Date: 24-Feb-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