

SAFETY DATA SHEET



Issuing Date: 04-Mar-2015

Revision Date: 27-Oct-2015

Version 2.01

1. IDENTIFICATION

Product Name Kolestone Perfect5/4 brown red

Product ID: 99477020_PROF_NG

Product Type: Finished Product - Consumer (Retail) and Professional Use

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

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
Professional Products: 1-800-465-2945; Retail Products: 1-800-465-2945

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	Alcohols, C16-18	No	67762-27-0	10 - 15
Ammonia solution	Ammonia solution	No	1336-21-6	1 - 5
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C12-14-alkyl ethers, sodium salts	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)	Sulfuric acid monododecyl ester sodium salt (1:1)	No	151-21-3	1 - 5
2-Methyl-p-phenylenediamine hemisulphate	2-Methyl-p-phenylenediamine hemisulphate	No	615-50-9	1 - 5
1,3-Benzenediol, 2-methyl-	1,3-Benzenediol, 2-methyl-	No	608-25-3	0.1 - 1.0
1-(2-Hydroxyethyl)-1H-pyrazol-4,5-diyl diammoniumsulfate	1-(2-Hydroxyethyl)-1H-pyrazol-4,5-diyl diammoniumsulfate	No	155601-30-2	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.
<u>Indication of immediate medical attention and special treatment needed, if necessary</u>	
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.
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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 Liquid
Appearance orange 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	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	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
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)	> 2000 mg/kg bw (OECD	-

sodium salt (1:1)			402)	
2-Methyl-p-phenylenediamine hemisulphate	615-50-9	102 mg/kg bw	-	1.77 mg/L air (QSAR)
1-(2-Hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate	155601-30-2	> 2000 mg/kg bw (OECD 401)	-	-

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 Not regulated

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, 2-Methyl-p-phenylenediamine hemisulphate), 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, 2-Methyl-p-phenylenediamine hemisulphate), 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:

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	-	
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 solution	1336-21-6	1000 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
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
Resorcinol	108-46-3	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: 04-Mar-2015
Revision Date: 27-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