

# SAFETY DATA SHEET



Issuing Date: 02-Mar-2015

Revision Date: 02-Mar-2015

Version 1

## 1. IDENTIFICATION

**Product Name** Koleston Perfect Innosense 8/3  
**Product ID:** 94525230\_PROF\_NG  
**Product Type:** Finished Product - Professional Use Only  
**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  
**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 skin irritation  
Causes severe skin burns and eye damage  
May cause an allergic skin reaction

**Hazard pictograms**



**Precautionary Statements -** Wear protective gloves and protective clothing

|  |   |
|--|---|
| <b>Prevention</b>                              | Wear eye/face protection<br>Do not breathe dust/fume/gas/mist/vapors/spray<br>Wash hands thoroughly after handling<br>Avoid breathing dust/fume/gas/mist/vapors/spray<br>IF SWALLOWED: rinse mouth. Do NOT induce vomiting  |
| <b>Precautionary Statements - Response</b>     | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing<br>Immediately call a POISON CENTER or doctor/physician<br>IF ON SKIN: Wash with plenty of soap and water<br>If skin irritation or rash occurs: Get medical advice/attention |
| <b>Precautionary Statements - Storage</b>      | None  |
| <b>Precautionary Statements - Disposal</b>     | None  |
| <b>Hazards not otherwise classified (HNOC)</b> | 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),<br>alpha-sulfo-omega-hydroxy-,<br>C12-14-alkyl ethers, sodium salts | -        | No           | 68891-38-3  | 1 - 5     |
| Sulfuric acid monododecyl ester<br>sodium salt (1:1)  | -        | No           | 151-21-3    | 1 - 5     |
| 1,4-Benzenediamine,<br>2-(methoxymethyl)-   | -        | No           | 337906-36-2 | 0.1 - 1.0 |
| 1,3-Benzenediol, 2-methyl-  | -        | No           | 608-25-3    | 0.1 - 1.0 |

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

|   |  |
|---|--|
| <b>Eye contact</b>  | 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 (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. |
| <b>Ingestion</b>  | 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 burns. May cause sensitization by skin contact.  |

#### 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

|                              |  |
|------------------------------|--|
| <b>Storage Conditions</b>    | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| <b>Incompatible products</b> | None known.  |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

|                            |   |
|----------------------------|---|
| <b>Exposure Guidelines</b> | No exposure limits noted for ingredient(s). |
|----------------------------|---|

### Exposure controls

|                             |                          |
|-----------------------------|--------------------------|
| <b>Engineering Measures</b> | 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

|  |
|--|
| <b>9. PHYSICAL AND CHEMICAL PROPERTIES</b> |
|--|

**Physical State @20°C**

liquid

**Appearance**

orange

**Odor**

characteristic

**Odor threshold**

No information available

PropertyValuesNote**pH value**

9 - 11

**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.

|                                     |
|-------------------------------------|
| <b>10. STABILITY AND REACTIVITY</b> |
|-------------------------------------|

|   |  |
|---|--|
| <b>Reactivity</b>                       | None under normal use conditions.        |
| <b>Stability</b>                        | Stable under normal conditions.          |
| <b>Hazardous polymerization</b>         | Hazardous polymerization does not occur. |
| <b>Hazardous Reactions</b>              | None under normal processing.            |
| <b>Conditions to Avoid</b>              | None under normal processing.            |
| <b>Materials to avoid</b>               | None in particular.                      |
| <b>Hazardous Decomposition Products</b> | None under normal use.                   |

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | No known effect.  |
| <b>Skin contact</b> | May cause burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed. |
| <b>Ingestion</b>    | Harmful if swallowed.   |
| <b>Eye contact</b>  | Avoid contact with eyes.  |

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | May be harmful if swallowed.             |
| <b>Skin corrosion/irritation</b>         | Causes burns.                            |
| <b>Serious eye damage/eye irritation</b> | Risk of serious damage to eyes.          |
| <b>Skin sensitization</b>                | May cause sensitization by skin contact. |
| <b>Respiratory sensitization</b>         | No known effect.                         |
| <b>Germ cell mutagenicity</b>            | No known effect.                         |
| <b>Neurological Effects</b>              | No known effect.                         |
| <b>Reproductive toxicity</b>             | No known effect.                         |
| <b>Developmental toxicity</b>            | No known effect.                         |
| <b>Teratogenicity</b>                    | No known effect.                         |
| <b>STOT - single exposure</b>            | No known effect.                         |
| <b>STOT - repeated exposure</b>          | No known effect.                         |
| <b>Target Organ Effects</b>              | No known effect.                         |
| <b>Aspiration hazard</b>                 | No known effect.                         |
| <b>Carcinogenicity</b>                   | 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 sodium salt (1:1)                                       | 151-21-3    | 977 mg/kg bw (OECD 401; rat)   | > 500 mg/kg bw (Read across data C10-16ASO <sub>4</sub> , NH <sub>4</sub> ; guideline: Standard Procedure #10; fixed dose procedure; rabbit; based on active ingredient) | -               |
| 1,4-Benzenediamine, 2-(methoxymethyl)-  | 337906-36-2 | > 150 mg/kg bw (Guideline not indicated; rat; weight of evidence data) | 431 mg/kg bw (Calculated value; kinetic based calculation; rat; weight of evidence data)   | 1.27 mg/l       |
| 1,3-Benzenediol, 2-methyl-  | 608-25-3    | 200 - 219 mg/kg (rat)  | -  | -               |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment.

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulative potential</b>     | No information available. |
| <b>Mobility</b>                      | No information available. |
| <b>Other adverse effects</b>         | No information available. |

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment

|   |   |
|---|---|
| <b>Waste from Residues / Unused Products</b>                    | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated packaging</b>                                   | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>California Hazardous Waste Codes (non-household setting)</b> | 331   |

### 14. TRANSPORT INFORMATION

#### DOT

|  |  |
|--|--|
| <b>UN no</b>                           | UN3082   |
| <b>UN Proper shipping name</b>         | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  |
| <b>Description</b>                     | UN3082, Environmentally hazardous substance, liquid, n.o.s. (Ammonia solution, 1,4-Benzenediamine, 2-(methoxymethyl)-), 9, III , Ltd. Qty. |
| <b>Hazard Class</b>                    | 9  |
| <b>Packing Group</b>                   | III  |
| <b>Emergency Response Guide Number</b> | 171  |

#### IMDG

|                                   |  |
|-----------------------------------|--|
| <b>UN Number</b>                  | UN3082   |
| <b>UN Proper shipping name</b>    | Environmentally hazardous substance, liquid, n.o.s.  |
| <b>Description</b>                | UN3082, Environmentally hazardous substance, liquid, n.o.s. (Ammonia solution, 1,4-Benzenediamine, 2-(methoxymethyl)-), 9, III , Ltd. Qty. |
| <b>Transport hazard class(es)</b> | 9  |
| <b>Packing Group</b>              | III  |
| <b>EmS-No</b>                     | F-A, S-F   |

#### IATA

|                                |  |
|--------------------------------|--|
| <b>UN no</b>                   | UN3082   |
| <b>UN Proper shipping name</b> | Environmentally hazardous substance, liquid, n.o.s.  |
| <b>Description</b>             | UN3082, Environmentally hazardous substance, liquid, n.o.s. (Ammonia solution, 1,4-Benzenediamine, 2-(methoxymethyl)-), 9, III , Ltd. Qty. |
| <b>Hazard Class</b>            | 9  |
| <b>Packing Group</b>           | III  |
| <b>ERG Code</b>                | 9L   |
| <b>IATA comment</b>            | 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

|                            |                  |
|----------------------------|------------------|
| <b>Issuing Date:</b>       | 02-Mar-2015      |
| <b>Revision Date:</b>      | 02-Mar-2015      |
| <b>Reason for revision</b> | 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**