

# SAFETY DATA SHEET



Issuing Date: 27-Oct-2015

Revision Date: 27-Oct-2015

Version 1

## 1. IDENTIFICATION

**Product Name** FLARE Permanent Cream Hair Color 6A Dark Ash Blonde

**Product ID:** 96644316\_PROF\_NG

**Product Type:** Finished Product - Professional Use Only

**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  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Use personal protective equipment as required  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wash hands thoroughly after handling  
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 %  |
|--|---|--------------|------------|-----------|
| OLETH-2  | OLETH-2   | No           | 9004-98-2  | 5 - 10    |
| Propylene glycol   | Propylene glycol  | No           | 57-55-6    | 5 - 10    |
| Alcohols, C12-15, ethoxylated                                  | Alcohols, C12-15, ethoxylated                                   | No           | 68131-39-5 | 1 - 5     |
| Isopropanol  | Isopropanol   | No           | 67-63-0    | 1 - 5     |
| Quaternary ammonium compounds, trimethylsoya alkyl, chlorides  | Quaternary ammonium compounds, trimethylsoya alkyl, chlorides   | No           | 61790-41-8 | 1 - 5     |
| 2-Aminoethanol   | 2-Aminoethanol  | No           | 141-43-5   | 1 - 5     |
| Ammonia anhydrous  | Ammonia anhydrous   | No           | 7664-41-7  | 1 - 5     |
| 2-Methyl-p-phenylenediamine hemisulphate                       | 2-Methyl-p-phenylenedia mine hemisulphate                       | No           | 615-50-9   | 0.5 - 1.5 |
| Ethanol, 2,2'-[(4-aminophenyl)imino]bis-, sulfate (1:1) (salt) | Ethanol, 2,2'-[(4-aminophenyl)imin o]bis-, sulfate (1:1) (salt) | No           | 54381-16-7 | 0.1 - 1.0 |
| 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-phenyl-               | 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-p henyl-               | No           | 89-25-8    | 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: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms persist, call a physician. |
| <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 sensitization by skin contact. May cause burns.  |

#### **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<br>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

#### **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**

| Chemical Name     | CAS-No    | ACGIH TLV                     | OSHA PEL  | Mexico PEL  |
|-------------------|-----------|-------------------------------|---|---|
| Isopropanol       | 67-63-0   | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | Mexico: TWA 400 ppm<br>Mexico: TWA 980 mg/m <sup>3</sup><br>Mexico: STEL 500 ppm<br>Mexico: STEL 1225 mg/m <sup>3</sup> |
| 2-Aminoethanol    | 141-43-5  | STEL: 6 ppm<br>TWA: 3 ppm     | TWA: 3 ppm<br>TWA: 6 mg/m <sup>3</sup><br>(vacated) TWA: 3 ppm<br>(vacated) TWA: 8 mg/m <sup>3</sup><br>(vacated) STEL: 6 ppm<br>(vacated) STEL: 15 mg/m <sup>3</sup>             | Mexico: TWA 3 ppm<br>Mexico: TWA 8 mg/m <sup>3</sup><br>Mexico: STEL 6 ppm<br>Mexico: STEL 15 mg/m <sup>3</sup>         |
| Ammonia anhydrous | 7664-41-7 | STEL: 35 ppm<br>TWA: 25 ppm   | TWA: 50 ppm<br>TWA: 35 mg/m <sup>3</sup><br>(vacated) STEL: 35 ppm<br>(vacated) STEL: 27 mg/m <sup>3</sup>  | Mexico: TWA 25 ppm<br>Mexico: TWA 18 mg/m <sup>3</sup><br>Mexico: STEL 35 ppm<br>Mexico: STEL 27 mg/m <sup>3</sup>      |

| Chemical Name     | CAS-No    | Alberta  | Quebec  | Ontario TWA EV   | British Columbia              |
|-------------------|-----------|--|---|--|-------------------------------|
| Propylene glycol  | 57-55-6   |  |   | TWA: 10 mg/m <sup>3</sup><br>TWA: 50 ppm<br>TWA: 155 mg/m <sup>3</sup> |                               |
| Isopropanol       | 67-63-0   | TWA: 200 ppm<br>TWA: 492 mg/m <sup>3</sup><br>STEL: 400 ppm<br>STEL: 984 mg/m <sup>3</sup> | TWA: 400 ppm<br>TWA: 985 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1230 mg/m <sup>3</sup> | TWA: 200 ppm<br>STEL: 400 ppm  | TWA: 200 ppm<br>STEL: 400 ppm |
| 2-Aminoethanol    | 141-43-5  | TWA: 3 ppm<br>TWA: 7.5 mg/m <sup>3</sup><br>STEL: 6 ppm<br>STEL: 15 mg/m <sup>3</sup>      | TWA: 3 ppm<br>TWA: 7.5 mg/m <sup>3</sup><br>STEL: 6 ppm<br>STEL: 15 mg/m <sup>3</sup>       | TWA: 3 ppm<br>STEL: 6 ppm  | TWA: 3 ppm<br>STEL: 6 ppm     |
| Ammonia anhydrous | 7664-41-7 | TWA: 25 ppm<br>TWA: 17 mg/m <sup>3</sup><br>STEL: 35 ppm<br>STEL: 24 mg/m <sup>3</sup>     | TWA: 25 ppm<br>TWA: 17 mg/m <sup>3</sup><br>STEL: 35 ppm<br>STEL: 24 mg/m <sup>3</sup>      | TWA: 25 ppm<br>STEL: 35 ppm  | TWA: 25 ppm<br>STEL: 35 ppm   |

No relevant exposure guidelines for other ingredients

### 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 impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

##### 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                             | yellow beige cream  |             |
| Odor                                   | characteristic  |             |
| Odor threshold                         | No information available  |             |
| <u>Property</u>                        | <u>Values</u>   | <u>Note</u> |
| pH value                               | 9.5 - 10.5  |             |
| Melting/freezing point                 | No information available  |             |
| Boiling point/boiling range            | 95 °C   |             |
| Flash point                            | 95 °C   |             |
| 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** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed. May cause burns.  
**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                |
|--|----------|---|-----------------------------|--------------------------------|
| Isopropanol                                      | 67-63-0  | 5840 mg/kg bw (//OECD 401)                                      | 12956 mg/kg bw (//OECD 402) | > 24.578 mg/L air (//OECD 403) |
| 2-Aminoethanol                                   | 141-43-5 | 1089 mg/kg bw (Similar to OECD 401; standard acute method; rat) | 1000 mg/kg (rabbit)         | -                              |
| 2-Methyl-p-phenylenediamine hemisulphate         | 615-50-9 | 102 mg/kg bw  | -                           | 1.77 mg/L air (QSAR)           |
| 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-2-phenyl- | 89-25-8  | 1915 mg/kg (rat)  | -                           | -                              |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the 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.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

### 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 % |
|-------------------|-----------|-------------------------------|
| Isopropanol       | 67-63-0   | 1.0                           |
| Ammonia anhydrous | 7664-41-7 | 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 anhydrous | 7664-41-7 | 100 lb                   | 100 lb                             | 500 lb              |
| Resorcinol        | 108-46-3  | 5000 lb                  | -                                  |                     |
| Sodium hydroxide  | 1310-73-2 | 1000 lb                  | -                                  |                     |
| n-Hexane          | 110-54-3  | 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 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 |
|---------------|----------|---|
| n-Hexane      | 110-54-3 | 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 | CAS-No | CWA - Reportable | CWA - Toxic | CWA - Priority | CWA - Hazardous |
|---------------|--------|------------------|-------------|----------------|-----------------|
|---------------|--------|------------------|-------------|----------------|-----------------|

|                   |           | Quantities | Pollutants | Pollutants | Substances |
|-------------------|-----------|------------|------------|------------|------------|
| Ammonia anhydrous | 7664-41-7 | 100 lb     | -          | -          | X          |
| Resorcinol        | 108-46-3  | 5000 lb    | -          | -          | X          |
| Sodium hydroxide  | 1310-73-2 | 1000 lb    | -          | -          | X          |

#### California Proposition 65

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

Ethanol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

#### U.S. State Regulations (RTK)

| Chemical Name     | CAS-No    | New Jersey |
|-------------------|-----------|------------|
| Propylene glycol  | 57-55-6   | X          |
| Isopropanol       | 67-63-0   | X          |
| 2-Aminoethanol    | 141-43-5  | X          |
| Ammonia anhydrous | 7664-41-7 | X          |

| Chemical Name     | CAS-No    | Massachusetts |
|-------------------|-----------|---------------|
| Isopropanol       | 67-63-0   | X             |
| 2-Aminoethanol    | 141-43-5  | X             |
| Ammonia anhydrous | 7664-41-7 | X             |

| Chemical Name                      | CAS-No     | Pennsylvania |
|------------------------------------|------------|--------------|
| 9-Octadecenoic acid (9Z)-          | 112-80-1   | X            |
| Propylene glycol                   | 57-55-6    | X            |
| Isopropanol                        | 67-63-0    | X            |
| 2-Aminoethanol                     | 141-43-5   | X            |
| Ammonia anhydrous                  | 7664-41-7  | X            |
| Resorcinol                         | 108-46-3   | X            |
| Mica-group minerals                | 12001-26-2 | X            |
| Titanium oxide (TiO <sub>2</sub> ) | 13463-67-7 | X            |
| Sodium hydroxide                   | 1310-73-2  | X            |

| Chemical Name     | CAS-No    | Rhode Island |
|-------------------|-----------|--------------|
| Ammonia anhydrous | 7664-41-7 | X            |

#### International Inventories

##### United States

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

##### 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

## 16. OTHER INFORMATION

Issuing Date: 27-Oct-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**