

SAFETY DATA SHEET



Issuing Date: 27-Oct-2015

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Version 1

1. IDENTIFICATION

Product Name	FLARE Permanent Cream Hair Color 4BB Light Intense Brwn
Product ID:	96621677_PROF_NG
Product Type:	Finished Product - Professional Use Only
Manufacturer	<p>The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45241 +1 513 626-2500</p> <p>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</p>
E-mail Address	pgsds.im@pg.com
Emergency Telephone	<p>Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531</p>

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	<p>Harmful if swallowed Causes severe skin burns and eye damage May cause an allergic skin reaction</p>
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
4-Aminophenol	4-Aminophenol	No	123-30-8	1 - 5
2-Methyl-p-phenylenediamine hemisulphate	2-Methyl-p-phenylenedia mine hemisulphate	No	615-50-9	0.5 - 1.5
1,3-Benzenediol, 2-methyl-	1,3-Benzenediol, 2-methyl-	No	608-25-3	0.1 - 1.0
Phenol, 5-amino-2-methyl-	Phenol, 5-amino-2-methyl-	No	2835-95-2	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

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: 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.
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 sensitization by skin contact. May cause burns.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician	Treat symptomatically.
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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

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

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Propylene glycol	57-55-6			TWA: 10 mg/m ³ TWA: 50 ppm TWA: 155 mg/m ³	
Isopropanol	67-63-0	TWA: 200 ppm TWA: 492 mg/m ³ STEL: 400 ppm STEL: 984 mg/m ³	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
2-Aminoethanol	141-43-5	TWA: 3 ppm TWA: 7.5 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³	TWA: 3 ppm TWA: 7.5 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³	TWA: 3 ppm STEL: 6 ppm	TWA: 3 ppm STEL: 6 ppm
Ammonia anhydrous	7664-41-7	TWA: 25 ppm TWA: 17 mg/m ³ STEL: 35 ppm STEL: 24 mg/m ³	TWA: 25 ppm TWA: 17 mg/m ³ STEL: 35 ppm STEL: 24 mg/m ³	TWA: 25 ppm STEL: 35 ppm	TWA: 25 ppm 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)	-
4-Aminophenol	123-30-8	> 550 mg/kg bw (//US EPA OPPTS 870.1100)	> 8000 mg/kg bw (//US EPA OPPTS 870.1200)	-
2-Methyl-p-phenylenediamine hemisulphate	615-50-9	102 mg/kg bw	-	1.77 mg/L air (QSAR)
Phenol, 5-amino-2-methyl-	2835-95-2	3600 mg/kg bw	-	-
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.
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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

<u>DOT</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>IATA</u>	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 Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous 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
Sodium hydroxide	1310-73-2	X
Titanium oxide (TiO2)	13463-67-7	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