

# Material Safety Data Sheet



Issuing Date: 25-May-2012

Revision Date: 28-Mar-2013

Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product ID:</b>	92185181
<b>Product Name</b>	Wella Professional Reflection Oil
<b>Product Type</b>	Finished Product - Consumer (Retail) and Professional Use
<b>Recommended use</b>	Personal Beauty Care Product
<b>Uses advised against</b>	All other uses
<b>Synonyms</b>	No information available
<b>Manufacturer</b>	The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45202
<b>E-mail Address</b>	pgsds.im@pg.com
<b>Emergency telephone</b>	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 01-800-681-9531

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Highly flammable

<b>OSHA Regulatory Status</b>	Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard.
<b>WHMIS</b>	WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.
<b>Principle Routes of Exposure</b>	Skin contact. Eye contact. Inhalation.
<b>General Hazards</b>	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethanol	64-17-5	3 - 7

### 4. FIRST AID MEASURES

<b>General advice</b>	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
<b>Skin contact</b>	If skin problems occur, discontinue use. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Inhalation</b>	Not an expected route of exposure.
<b>Protection of First-aiders</b>	Remove all sources of ignition.
<b>Most important symptoms/effects, acute and delayed</b>	None known.
<b>Notes to physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	<b>Non-household:</b> OSHA Flammable Liquid .
<b>Flash Point</b>	16.6 °C / 61.9 °F
<b>Suitable Extinguishing Media</b>	Dry chemical, CO <sub>2</sub> , water spray or alcohol-resistant foam.
<b>Extinguishing media which shall not be used for safety reasons</b>	<b>Non-household:</b> Do not use a solid water stream as it may scatter and spread fire
<b>Special Hazard</b>	The release of the following substances is possible in a fire: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke) Nitrous oxides May form explosive mixtures with air
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus and full protective gear.
<b>Sensitivity to Static Discharge</b>	yes.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation.
<b>Advice for emergency responders</b>	Use personal protective equipment.
<b>Environmental precautions</b>	Should not be released into the environment.
<b>Methods for Containment</b>	No information available.
<b>Methods for Cleaning up</b>	No information available.

## 7. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Keep out of the reach of children. Observe label precautions.
<b>Technical measures/Storage conditions</b>	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep tightly closed in a dry and cool place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	P&G OEL	Mexico OEL
Ethanol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m <sup>3</sup>
<b>Component</b>	<b>Alberta</b>	<b>Quebec</b>	<b>Ontario TWAEV</b>	<b>British Columbia</b>	
Ethanol 64-17-5 ( 5.18222 )		TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	STEL: 1000 ppm	STEL: 1000 ppm	

<b>Engineering Measures</b>	Not applicable.
<b><u>Personal Protective Equipment</u></b>	
<b>Eye Protection</b>	No special protective equipment required.
<b>Hand Protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No special protective equipment required.
<b>Thermal hazards</b>	Not applicable.
<b>Hygiene measures</b>	Remove and wash contaminated clothing and gloves, including the inside, before re-use.
<b>Environmental Exposure Controls</b>	No special environmental precautions required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @20°C** liquid  
**Appearance** viscous liquid . clear.  
**Odor** Characteristic

<u>Property</u>	<u>Values</u>	<u>Note</u>
<b>pH VALUE</b>	No information available	
<b>Melting/freezing point</b>	No information available	
<b>Boiling point/boiling range</b>	No information available	
<b>Flash Point</b>	16.6 °C / 61.9 °F	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
upper flammability limit	No information available	
lower flammability limit	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	0.94 - 0.96	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity of Product</b>	150 - 350 cP	
<b>Bulk Density</b>	No information available	

Chemical Name	Partition Coefficient (n-octanol/water)
Ethanol	-0.32

**Oxidizing Properties** No information available

## 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** Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.

**Materials to Avoid** None in particular.

**Hazardous Decomposition Products** None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Acute toxicity

**Principle Routes of Exposure**      Skin contact. Eye contact. Inhalation.

**Inhalation**                                No known effect based on information supplied.  
**Skin contact**                              No known effect based on information supplied.  
**Ingestion**                                 No known effect based on information supplied.  
**Eye contact**                                No known effect based on information supplied.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethanol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

#### Chronic Toxicity

**Corrosivity**                                No known effect.  
**Sensitization**                              No known effect.  
**Neurological Effects**                      No known effect.  
**Reproductive toxicity**                    The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.  
**Mutagenic Effects**                        There are no known mutagenic chemicals in this product.  
**Developmental Toxicity**                No known effect.  
**Teratogenicity**                            No known effect.  
**Carcinogenicity**                         Contains no ingredients above reportable quantities listed as a carcinogen.

#### Legend

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

Threshold Limit Value

A1 - Known Human Carcinogen

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

**NTP: (National Toxicity Program)**

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**OSHA: (Occupational Safety & Health Administration)**

X - Present

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Acute toxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
Ethanol	-	LC50 96 h 12.0 - 16.0 mL/L Oncorhynchus mykiss static LC50 96 h > 100 mg/L Pimephales promelas static LC50 96 h 13400 - 15100 mg/L Pimephales promelas flow-through	-	LC50 48 h 9268 - 14221 mg/L Daphnia magna EC50 24 h = 10800 mg/L Daphnia magna EC50 48 h = 2 mg/L Daphnia magna Static	-

**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 from Residues / Unused Products** Dispose of in accordance with local regulations.

**Contaminated packaging** Dispose of in accordance with local regulations.

**Other disposal recommendations** Products covered by this MSDS, in their original form, when disposed from a commercial facility as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations(40 CFR 261). Disposal should be in accordance with Local, State and Federal regulations.

## 14. TRANSPORT INFORMATION

### DOT

<b>UN/ID No</b>	UN1993
<b>Proper shipping name</b>	Flammable liquids, n.o.s.
<b>Hazard class</b>	3
<b>Packing Group</b>	II
<b>Description</b>	UN1993, Flammable liquid, n.o.s (Ethanol, Orange Oil, Expressed), 3, II, Ltd. Qty.
<b>Emergency Response Guide Number</b>	128

### TDG

<b>UN/ID No</b>	UN1993
-----------------	--------

**Proper shipping name** FLAMMABLE LIQUID, N.O.S.  
**Hazard class** 3  
**Packing Group** II  
**Description** UN1993, Flammable liquid, n.o.s (Ethanol, Orange Oil, Expressed), 3, II, Ltd. Qty.

**MEX** Not regulated  
**UN/ID No** UN1993  
**Proper shipping name** FLAMMABLE LIQUID, N.O.S.  
**Hazard class** 3  
**Packing Group** II  
**Description** UN1993, Flammable liquid, n.o.s (Ethanol, Orange Oil, Expressed), 3, II, Ltd. Qty.

**IATA**  
**UN/ID No** UN1993  
**Proper shipping name** FLAMMABLE LIQUID, N.O.S.  
**Hazard class** 3  
**Packing Group** II  
**ERG Code** 3H  
**Description** UN1993, Flammable liquid, n.o.s (Ethanol, Orange Oil, Expressed), 3, II, Ltd. Qty.  
**IATA comment** Can also be shipped as ID8000 Consumer Commodity

**ICAO**  
**UN/ID No** UN1993  
**Proper shipping name** FLAMMABLE LIQUID, N.O.S.  
**Hazard class** 3  
**Packing Group** II  
**Description** UN1993, Flammable liquid, n.o.s , 3, II, Ltd. Qty.  
**ICAO Comment** Can also be shipped as ID8000 Consumer Commodity

**IMDG/IMO**  
**UN/ID No** UN1993  
**Proper shipping name** FLAMMABLE LIQUID, N.O.S.  
**Hazard class** 3  
**Packing Group** II  
**EmS No.** F-E, S-E  
**Description** UN1993, Flammable liquid, n.o.s (Ethanol, Orange Oil, Expressed), 3, II, (16.6°C c.c.), Ltd. Qty.

## 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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Ethanol	64-17-5	Carcinogen Developmental

**U.S. State Regulations**

Chemical Name	New Jersey
Ethanol	X

Chemical Name	Massachusetts
Ethanol	X

Chemical Name	Pennsylvania
Ethanol	X

Chemical Name	Rhode Island
Ethanol	X

**International Regulations****Canada****WHMIS Hazard Class**

Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

**International Inventories**

TSCA Exempt  
DSL Exempt  
NDSL Exempt

Perfumes contained with the products comply with appropriate IFRA guidance.

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List



---

**16. OTHER INFORMATION**

**Health Hazard**      2                      **Flammability**    4

**Issuing Date:**    25-May-2012

**Revision Date:**    28-Mar-2013

**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 MSDS**