

Material Safety Data Sheet



Issuing Date: 15-Oct-2012

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID:	92164066
Product Name	The Art of Shaving EDT Lemon
Product Type	Finished Product - Consumer (Retail) and Professional Use
Recommended use	Personal Beauty Care Product
Uses advised against	All other uses
Synonyms	No information available
Manufacturer	The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45202
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: 01-800-681-9531

2. HAZARDS IDENTIFICATION

Emergency Overview

Highly flammable

OSHA Regulatory Status	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. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
WHMIS	Not subject to WHMIS classification
Principle Routes of Exposure	None reasonably foreseeable.
General Hazards	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	40 - 70
Isopropanol	67-63-0	7 - 13
Mandarin Oil	8008-31-9	0.1 - 1
Lemon Oil	8008-56-8	0.1 - 1
Bergamot Oil, Psoralen-free	68648-33-9	0.1 - 1
d-Limonene (R)-p-Mentha-1,8-diene	5989-27-5	0.1 - 1
Citral	5392-40-5	0.1 - 1
Benzyl acetate	140-11-4	< 0.1
2-Methylpropan-2-ol	75-65-0	< 0.1

4. FIRST AID MEASURES

General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	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.
Skin contact	If skin problems occur, discontinue use. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Inhalation	Not an expected route of exposure.
Protection of First-aiders	Use personal protective equipment. Remove all sources of ignition.
Most important symptoms/effects, acute and delayed	None known.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Flammable liquid.
Flash Point	21 °C / 70 °F
Method	Closed cup
Suitable Extinguishing Media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Extinguishing media which shall not be used for safety reasons	Non-household: Do not use a solid water stream as it may scatter and spread fire
Special Hazard	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

Special protective equipment for fire-fighters As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Remove all sources of ignition. Ensure adequate ventilation.

Advice for emergency responders Use personal protective equipment.

Environmental precautions Should not be released into the environment.

Methods for Containment No information available.

Methods for Cleaning up No information available.

7. HANDLING AND STORAGE

Advice on safe handling Keep out of the reach of children. Observe label precautions.

Technical measures/Storage conditions 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.

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/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m³
Isopropanol	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m³ STEL: 500 ppm STEL: 1225 mg/m³		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m³
Citral	TWA: 5 ppm inhalable fraction and vapor S*	-			-
Benzyl acetate	TWA: 10 ppm	-			-
2-Methylpropan-2-ol	TWA: 100 ppm	TWA: 100 ppm TWA: 300 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 300 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 450 mg/m³	IDLH: 1600 ppm TWA: 100 ppm TWA: 300 mg/m³ STEL: 150 ppm STEL: 450 mg/m³		Mexico: TWA 100 ppm Mexico: TWA 300 mg/m³ Mexico: STEL 150 ppm Mexico: STEL 450 mg/m³
Chemical Name	Alberta	Quebec	Ontario TWAEV	British Columbia	
Ethanol	TWA: 1000 ppm TWA: 1880 mg/m³	TWA: 1000 ppm TWA: 1880 mg/m³	STEL: 1000 ppm	STEL: 1000 ppm	

Isopropanol	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
Benzyl acetate	TWA: 10 ppm TWA: 61 mg/m ³		TWA: 10 ppm	TWA: 10 ppm
2-Methylpropan-2-ol	TWA: 100 ppm TWA: 303 mg/m ³	TWA: 100 ppm TWA: 303 mg/m ³	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm

Engineering Measures Not applicable.

Personal Protective Equipment

Eye Protection No special protective equipment required.

Hand Protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No special protective equipment required

Thermal hazards Not applicable.

Hygiene measures Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Environmental Exposure Controls See Section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C

liquid

Appearance

viscous liquid .

Odor

Ocean

Property**Values****Note**

pH VALUE

Not applicable

Melting/freezing point

No information available

Boiling point/boiling range

> 35 °C / > 95 °F

Flash Point

21 °C / 70 °F

Closed cup

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

Soluble in water

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

Bulk Density

No information available

Chemical Name	log Pow
Ethanol	-0.32
Isopropanol	0.05
Linalool	2.84 - 3.1
Citral	2.76
Benzyl acetate	1.96
2-Methylpropan-2-ol	0.35

VOC Content

Products comply with US state and federal regulations for VOC content in consumer products.

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

Product does not present an acute toxicity hazard based on known or supplied information.

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
Isopropanol	4396 mg/kg (Rat)	12800 mg/kg (Rat) 12870 mg/kg (Rabbit)	72.6 mg/L (Rat) 4 h
Linalool	2790 mg/kg (Rat)	5610 mg/kg (Rat)	-
Mandarin Oil	5 g/kg (Rat)	5 g/kg (Rabbit)	-
Lemon Oil	2840 mg/kg (Rat)	5 g/kg (Rabbit)	-
1H-3a,7-Methanoazulen-6-ol, octahydro-3,6,8,8-tetramethyl-, 6-acetate, (3R,3aS,6R,7R,8aS)-	44750 mg/kg (Rat)	5 g/kg (Rabbit)	-
6-Acetyl-1,1,2,4,4,7-hexamethyl tetraline	570 mg/kg (Rat)	7940 mg/kg (Rat) 5 g/kg (Rabbit)	-
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran (HHCB)	5000 mg/kg (Rat)	5000 mg/kg (Rabbit)	-
Cyclamen aldehyde (2-Methyl-3-(p-isopropylphenyl) propionaldehyde)	3810 mg/kg (Rat)	5 g/kg (Rat)	-
Citral	4950 mg/kg (Rat)	2000 mg/kg (Rat) 2250 mg/kg (Rabbit)	-
Benzyl acetate	2490 mg/kg (Rat)	5 g/kg (Rabbit)	-
2-Methylpropan-2-ol	2733 mg/kg (Rat)	2000 mg/kg (Rabbit)	9700 ppm (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.

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 <i>Oncorhynchus mykiss</i> static LC50 96 h > 100 mg/L <i>Pimephales promelas</i> static LC50 96 h 13400 - 15100 mg/L <i>Pimephales promelas</i> flow-through	-	LC50 48 h 9268 - 14221 mg/L <i>Daphnia magna</i> EC50 24 h = 10800 mg/L <i>Daphnia magna</i> EC50 48 h = 2 mg/L <i>Daphnia magna</i> Static	-
Isopropanol	EC50 96 h > 1000 mg/L <i>Desmodesmus subspicatus</i> EC50 72 h > 1000 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h = 9640 mg/L <i>Pimephales promelas</i> flow-through LC50 96 h = 11130 mg/L <i>Pimephales promelas</i> static LC50 96 h > 1400000 µg/L <i>Lepomis macrochirus</i>	-	EC50 48 h = 13299 mg/L <i>Daphnia magna</i> > 1000 mg/L EC50	-
Linalool	EC50 96 h = 88.3 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h 22 - 46 mg/L <i>Leuciscus idus</i> static	-	EC50 48 h = 20 mg/L <i>Daphnia magna</i> = 88.3 mg/L EC50	-
d-Limonene (R)-p-Mentha-1,8-diene	-	LC50 96 h 0.619 - 0.796 mg/L <i>Pimephales promelas</i> flow-through LC50 96 h = 35 mg/L <i>Oncorhynchus mykiss</i>	-	-	-
Citral	EC50 72 h = 16 mg/L <i>Desmodesmus subspicatus</i> EC50 96 h = 19 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h 4.6 - 10 mg/L <i>Leuciscus idus</i> static	-	EC50 48 h = 7 mg/L <i>Daphnia magna</i> = 16 mg/L EC50 = 19 mg/L EC50	-
2-Methylpropan-2-ol	EC50 72 h > 1000 mg/L <i>Desmodesmus subspicatus</i>	LC50 96 h 6130 - 6700 mg/L <i>Pimephales promelas</i> flow-through	-	EC50 48 h = 933 mg/L <i>Daphnia magna</i> EC50 48 h 4607 - 6577 mg/L <i>Daphnia magna</i> Static	-

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Chemical Name	Bioconcentration factor (BCF)
2-Methylpropan-2-ol	1.09

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.
California Hazardous Waste Codes (non-household setting)	331
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

UN/ID No	UN1266
Proper shipping name	PERFUMERY PRODUCTS
Hazard class	3
Packing Group	II
Description	UN1266, Perfumery products, 3, II, Ltd. Qty.
Emergency Response Guide Number	127

TDG

UN/ID No	UN1266
Proper shipping name	PERFUMERY PRODUCTS
Hazard class	3
Packing Group	II
Description	UN1266, Perfumery products, 3, II, MARINE POLLUTANT, Ltd. Qty.

MEX

UN/ID No	UN1266
Proper shipping name	PERFUMERY PRODUCTS
Hazard class	3
Packing Group	II
Description	UN1266, Perfumery products, 3, II, MARINE POLLUTANT, Ltd. Qty.

IATA

UN/ID No	UN1266
Proper shipping name	PERFUMERY PRODUCTS
Hazard class	3
Packing Group	II
ERG Code	3L
Description	UN1266, Perfumery products, 3, II, Ltd. Qty.

IATA comment Can also be shipped as ID8000 Consumer Commodity

ICAO

UN/ID No	UN1266
Proper shipping name	PERFUMERY PRODUCTS
Hazard class	3
Packing Group	II
Description	UN1266, Perfumery products, 3, II

ICAO Comment Can also be shipped as ID8000 Consumer Commodity

IMDG/IMO

UN/ID No UN1266
Proper shipping name PERFUMERY PRODUCTS
Hazard class 3
Packing Group II
EmS No. F-E, S-D
Description UN1266, Perfumery products, 3, II, (21°C c.c.), MARINE POLLUTANT, 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 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	Weight %	SARA 313 - Threshold Values %
Isopropanol	67-63-0	11.1495	1.0

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 contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

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

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

U.S. State Regulations

Chemical Name	New Jersey
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Ethanol	X
Isopropanol	X

Chemical Name	Massachusetts
Ethanol	X
Isopropanol	X

Chemical Name	Pennsylvania
Ethanol	X
Isopropanol	X
2-Methylpropan-2-ol	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 Product is a personal care product and regulated under FDA

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

Issuing Date: 15-Oct-2012

Revision Date: 15-Oct-2012

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