

1. Identification**Product identifier** PRADA PARADOXE INTENSE EAU DE PARFUM**Other means of identification****SDS number** 30-41-0001203**Recommended use** Personal care product used for cosmetic effect.**Recommended restrictions** None known.**Manufacturer/Importer/Supplier/Distributor information****US Address:** L'Oreal USA Products, Inc
133 Terminal Avenue
Clark, NJ 07066
USA**Canadian Address:** L'Oreal Canada
4895 rue Hickmore
Ville St-Laurent, H4T 1K5
Canada**Emergency Phone # :** 1-800-535-5053 (International: 352-323-3500)
In Canada - 1-613-996-6666 (Canutec (*666 Cellular))**For further Information:** 1-732-499-2741**Poison Control # :** 412-390-3326**2. Hazard(s) identification****Physical hazards** Flammable liquids Category 2**Health hazards** Serious eye damage/eye irritation Category 2A

Sensitization, skin Category 1B

OSHA defined hazards Not classified.**Label elements****Signal word** Danger**Hazard statement** Highly flammable liquid and vapor. May cause an allergic skin reaction. Causes serious eye irritation.**Precautionary statement****Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection.

Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ETHANOL		64-17-5	62.75
TETRAMETHYL ACETYLOCTAHYDRONAPHTHAL ENES		54464-57-2	1.2
VANILLIN		121-33-5	1.06
LINALOOL		78-70-6	1.04

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

Environmental precautions

7. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep out of the reach of children. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
VANILLIN (CAS 121-33-5)	TWA	10 mg/m3

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection	Applicable for industrial settings only. Face shield is recommended. Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Applicable for industrial settings only. Wear appropriate chemical resistant gloves.
Other	Applicable for industrial settings only. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection	Applicable for industrial settings only. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Color	Rose
Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 95 °F (> 35 °C)
Flash point	55.4 °F (13.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.

Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
PRADA PARADOXE INTENSE EAU DE PARFUM		
<u>Acute</u>		
Dermal		
ATEmix		155800 mg/kg
Oral		
ATEmix		82440 mg/kg
Components	Species	Test Results
ETHANOL (CAS 64-17-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 20000 mg/kg
Inhalation		
<i>Vapor</i>		
LC50	Rat	124.7 mg/l, 4 h OECD 403
Oral		
LD50	Rat	10470 mg/kg OECD 401
LINALOOL (CAS 78-70-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	5610 mg/kg bw OECD 402 5610 mg/kg
Inhalation		
<i>Vapor</i>		
LC50	Mouse	> 3.2 mg/l, 3 h
Oral		
LD50	Rat	2790 mg/kg OECD 401
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES (CAS 54464-57-2)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 5000 mg/kg OECD 402
Oral		
LD50	Rat	> 5000 mg/kg OECD 401

Components	Species	Test Results
VANILLIN (CAS 121-33-5)		
<u>Acute</u>		
Dermal		
LD50		> 2000 mg/kg OECD 402
Oral		
LD50		3925 mg/kg EU B.1
Skin corrosion/irritation	No adverse effects due to skin contact are expected.	
Irritation Corrosion - Skin		
VANILLIN		EU B.3 Result: Not Irritating Species: Rabbit
ETHANOL		OECD 404 Result: Not Irritating Species: Rabbit
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES		OECD 439 Result: Irritating Species: In vitro
Serious eye damage/eye irritation	Causes serious eye irritation.	
Irritation Corrosion - Eye		
ETHANOL		OECD 405 Result: Irritating Species: Rabbit
LINALOOL		OECD 405 Result: Irritating Species: Rabbit
VANILLIN		OECD 405 Result: Irritating Species: Rabbit
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES		OECD 405 Result: Not Irritating
Respiratory or skin sensitization		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	May cause an allergic skin reaction.	
Skin sensitization		
VANILLIN		EU B.6 Result: Not Sensitizing Species: Guinea pig
ETHANOL		OECD 406 Result: Not Sensitizing Species: Guinea pig
LINALOOL		OECD 429 Result: Sensitizing Species: Mouse
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES		OECD 429 Result: Sensitizing Species: Mouse
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Mutagenicity		
ETHANOL		Result: In vitro and in vivo tests did not show mutagenic effects.
LINALOOL		Result: In vitro and in vivo tests did not show mutagenic effects.
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES		Result: In vitro and in vivo tests did not show mutagenic effects.
VANILLIN		Result: In vitro and in vivo tests did not show mutagenic effects.
Carcinogenicity	Not classifiable as to carcinogenicity to humans.	

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity Possible reproductive hazard.**Developmental effects**

ETHANOL

> 20000 ppm OECD 414, No effects on development

Result: NOAEL

Species: Rat

TETRAMETHYL

480 mg/kg bw/d OECD 414, No effects on development

ACETYLOCTAHYDRONAPHTHALENES

Result: NOAEL

Species: Rat

VANILLIN

500 mg/kg bw/d

Result: NOAEL

Species: Rat

Reproductivity

ETHANOL

20700 mg/kg bw/d OECD 416, No effects on fertility

Result: NOAEL

Species: Rat

LINALOOL

365 mg/kg bw/d OECD 421, No effects on fertility

Result: NOAEL

Species: Rat

Specific target organ toxicity - single exposure Not classified.**Specific target organ toxicity - repeated exposure** Not classified.

LINALOOL

>= 497.9 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

Test Duration: 90 d

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES

150 mg/kg bw/d OECD 407, Oral

Result: NOAEL

Species: Rat

Test Duration: 28 d

ETHANOL

1730 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

LINALOOL

250 mg/kg bw/d OECD 411, Dermal

Result: NOAEL

Species: Rat

Test Duration: 90 d

VANILLIN

650 mg/kg bw/d EU B.26

Result: NOAEL

Species: Rat

Test Duration: 26 weeks

Aspiration hazard Not an aspiration hazard.**Further information** May cause allergic respiratory and skin reactions. The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.**12. Ecological information****Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
ETHANOL (CAS 64-17-5)			
Aquatic			
Acute			
Algae	EC50	Pseudokirchneriella subcapitata	22200 mg/l, 96 h
Crustacea	EC50	Ceriodaphnia dubia	5012 mg/l, 48 h
Fish	LC50	Pimephales promelas	15300 mg/l, 96 h

Components		Species	Test Results
Other	IC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	9.6 mg/l, 9 d
Fish	NOEC	Danio rerio	250 mg/l, 120 h OECD 212
LINALOOL (CAS 78-70-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (Scenedesmus acutus)	156.7 mg/l, 96 h DIN 38412, Part 9
Crustacea	EC50	Daphnia magna	59 mg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	27.8 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 h OECD 209
<i>Chronic</i>			
Algae	EC10	Green algae (Scenedesmus acutus)	54.3 mg/l, 96 h DIN 38412, Part 9
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES (CAS 54464-57-2)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	> 2.6 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	1.38 mg/l, 48 h OECD 202
Fish	LC50	Lepomis macrochirus	1.3 mg/l, 96 h OECD 203
Other	NOEC	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 42 h OECD 301 F
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	0.448 mg/l, 21 d OECD 211
Fish	NOEC	Danio rerio	0.3 mg/l, 30 d OECD 210
VANILLIN (CAS 121-33-5)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	120 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	36.79 mg/l, 48 h OECD 202
Fish	LC50	Pimephales promelas	57 mg/l, 96 h OECD 203
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	10 mg/l, 21 d OECD 202

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

ETHANOL	84 % Result: Readily Biodegradable Test Duration: 20 d
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	0 % OECD 301 C Result: Not Readily Biodegradable
VANILLIN	97 - 100 % OECD 301 C Result: Readily Biodegradable Test Duration: 28 d

Percent degradation (Aerobic biodegradation-soil)

LINALOOL	64.2 % OECD 301D Result: Readily Biodegradable
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Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ETHANOL	-0.31
LINALOOL	2.97
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	5.65 OECD 117
VANILLIN	1.37

Bioconcentration factor (BCF)

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES 603 OECD 305

Bioaccumulation

TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES Result: Has the potential to bioaccumulate.

Mobility in soil No data available.**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.**13. Disposal considerations****Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.**Local disposal regulations** Dispose in accordance with all applicable regulations.**Hazardous waste code** This product is ignitable (D001) RCRA hazardous wastes when intended for disposal.**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.**14. Transport information****DOT****FINISHED GOODS**

UN number UN1266
UN proper shipping name PERFUMERY PRODUCTS, Limited Quantity
Class 3
Packing group II
Transport hazard class(es)
Label(s) Limited Quantity
Packaging exceptions 150
LTD QTY Net Inner Capacity 5.0 L

BULK

UN number UN1266
UN proper shipping name PERFUMERY PRODUCTS
Class 3
Packing group II
Transport hazard class(es)
Label(s) 3
Special provisions 149, IB2, T4, TP1, TP8
Packaging non bulk 202

IATA**FINISHED GOODS**

UN number ID8000
UN proper shipping name CONSUMER COMMODITY
Class 9 - Class 9
Packing group Not applicable.
Transport hazard class(es)
Label(s) Class 9, Limited Quantity
ERG Number 9L

BULK

UN number UN1266
UN proper shipping name PERFUMERY PRODUCTS
Class 3
Packing group II
ERG Number 3L

IMDG**FINISHED GOODS**

UN number UN1266
UN proper shipping name PERFUMERY PRODUCTS, Limited Quantity
Class 3

Packing group	II
Environmental Hazards	
Marine pollutant	No.
Transport hazard class(es)	
Label(s)	Limited Quantity
EmS	F-E, S-D
LTD QTY Net Inner Capacity	5.0 L
BULK	
UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS
Class	3
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

ETHANOL (CAS 64-17-5) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No (Exempt)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ETHANOL (CAS 64-17-5) Low priority

16. Other information, including date of preparation or last revision

Issue date 02-06-2023

Version # 01

NFPA ratings Health: 2
Flammability: 3
Instability: 0

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.