


Score: 

Data available: Limited

Summary

Products


Use restrictions

Data gaps

Ecotoxicology


Organ system toxicity (non-reproductive)

Data sources



**EWG VERIFIED™**  
FOR YOUR HEALTH

LEARN MORE



**Get The Guide!**

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

**Donate Now!**


**Get Your Copy: Quick Tips for Choosing Safer Personal Care Products**

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

ZIP Code\*

Email\*

BUTYROSPERMUM PARKII (SHEA BUTTER)



Health Concerns of the Ingredient:

lowmoderatehigh

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other LOW concerns: Data gaps

About BUTYROSPERMUM PARKII (SHEA BUTTER): Shea butter is a vegetable fat obtained from the fruit of a tree native to Africa, Butyrospermum parkii. Shea butter is primarily composed of fatty acids such as stearic and oleic acids.

Function(s): Skin-Conditioning Agent - Miscellaneous; Skin-Conditioning Agent - Occlusive; ViscosityIncreasing Agent - Nonaqueous; SKIN CONDITIONING; VISCOSITY CONTROLLING

Synonym(s): BUTTER, BUTYROSPERMUM PARKII; BUTYROSPERMUM PARKII; BUTYROSPERMUM PARKII BUTTER; KARITE BUTTER; SHEA BUTTER; SHEA BUTTER FRUIT; SHEA BUTTER- FROM THE KARITE TREE

Use restrictions

Concern	Reference
Determined safe for use in cosmetics, subject to concentration or use limitations - Safe for use in cosmetics with some qualifications	Cosmetic Ingredient Review Assessments

Data gaps

Concern	Reference
Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product	Cosmetic Ingredient Review Assessments
54 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

Ecotoxicology

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

Organ system toxicity (non-reproductive)

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List

Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

Sign Up

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)

**HEADQUARTERS** 1436 U Street, NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111  
**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.  
Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

CONNECT with EWG

- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon

Score:



Data available: Limited

Summary

Products

Data gaps

Data sources


**EWG VERIFIED™**  
FOR YOUR HEALTH

[LEARN MORE](#)


## Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

[Donate Now!](#)

## Get Your Copy: Quick Tips for Choosing Safer Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

ZIP Code\*

Email\*

[Sign Up](#)

## CALENDULA OFFICINALIS (POT MARIGOLD) OIL



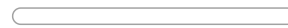
### Health Concerns of the Ingredient:

low moderate high

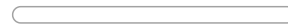
Overall Hazard



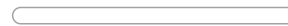
Cancer



Developmental &amp; reproductive toxicity



Allergies &amp; immunotoxicity



Use restrictions



Other LOW concerns: Data gaps

**Synonym(s):** CALENDULA OFFICINALIS (POT MARIGOLD) ESSENTIAL OIL; CALENDULA OFFICINALIS ESSENTIAL OIL; CALENDULA OFFICINALIS OIL; POT MARIGOLD ESSENTIAL OIL; POT MARIGOLD OIL

## Data gaps

Concern

Reference

Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product

Cosmetic Ingredient Review Assessments

256 studies in PubMed science library may include information on the toxicity of this chemical [see search results ->](#)

NLM PubMed

## Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

### About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

### About EWG VERIFIED™



Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)

**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111  
**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.  
Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

CONNECT with EWG

- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon

Score: 
Data available:  Fair
Summary
Products
Persistence and bioaccumulation
Organ system toxicity (non-reproductive)
Multiple, additive exposure sources
Ecotoxicology
Data gaps
Data sources



**EWG VERIFIED™:**  
FOR YOUR HEALTH

[LEARN MORE](#)




### Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

[Donate Now!](#)

### Get Your Copy: Quick Tips for Choosing Safer Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.



### COCOS NUCIFERA (COCONUT) OIL

Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

**About COCOS NUCIFERA (COCONUT) OIL:** Coconut oil is extracted from the kernels of the seeds of coconot palm, Cocos nucifera.

**Function(s):** Fragrance Ingredient; Hair Conditioning Agent; Skin-Conditioning Agent - Miscellaneous;Skin-Conditioning Agent - Occlusive; EMOLLIENT; MASKING; SKIN CONDITIONING; SOLVENT

**Synonym(s):** ACIDULATED COCONUT SOAPSTOCK; COCONUT ACIDULATED SOAPSTOCK; COCONUT EXTRACT; COCONUT ABSOLUTE; COCONUT FATTY ACID TRIGLYCERIDE; COCONUT OIL; COCOS NUCIFERA OIL; COPRA OIL; COCOANUT OIL; COCONUT BUTTER; COCONUT PALM OIL; COPRA OIL; FREE COCONUT OIL

Concern	Reference
1,952 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

## Ecotoxicology

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

## Multiple, additive exposure sources

Concern	Reference
Designated as safe for general or specific, limited use in food	FDA Everything Added to Food

## Organ system toxicity (non-reproductive)

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List
Classified as a low human health priority	Environment Canada Domestic Substance List

## Persistence and bioaccumulation

Concern	Reference
Not suspected to be bioaccumulative	Environment Canada Domestic Substance List

ZIP Code\*

Email\*

Sign Up

## Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

FDA (U.S. Food and Drug Administration). 2008. EAFUS [Everything Added to Food]: A Food Additive Database. FDA Office of Food Safety and Applied Nutrition.

IFRA (International Fragrance Association). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: [http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf\\_itemId=43&xf\\_selectionDatapartId=25](http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25)

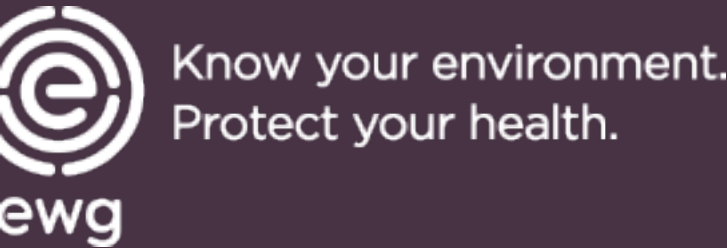
NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

### About the Skin Deep® ratings

**EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government.** The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

### About EWG VERIFIED™

**Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria.** Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111  
**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814


Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.  
Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

### CONNECT with EWG


- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon



Score:



Data available:

 Fair

Summary

Products

Data gaps



Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!

Get Your Copy:  
Quick Tips for  
Choosing Safer  
Personal Care  
Products


Stay informed by signing up to  
receive email tips, action  
alerts, promotions to support  
our work and more from EWG.  
You can opt-out at any time.

ZIP Code\*

Email\*

SignUp

HYPERICUM PERFORATUM (ST. JOHN'S WORT)



Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Synonym(s):

HYPERICUM PERFORATUM; ST JOHNS WORT (HYPERICUM PERFORATUM) ; ST. JOHN'S WORT

Data gaps

Concern	Reference
2,051 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

Data Sources

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)







About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



Know your environment.  
Protect your health.

#### CONNECT with EWG

-  EWG on Facebook
-  EWG on Twitter
-  EWG on YouTube
-  EWG RSS Feeds
-  Contact EWG via Email
-  Support EWG by Shopping at Amazon

**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982

**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111

**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401

**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.

Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)



Score:



Data available: Limited

Summary

Products

Data gaps

Ecotoxicology

Organ system toxicity (non-reproductive)

Data sources

EWG VERIFIED™  
FOR YOUR HEALTH

LEARN MORE



## Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

**Donate Now!**

## Get Your Copy: Quick Tips for Choosing Safer Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

34510

ilhan.yurdakul@gmail.com

## LANOLIN OIL



### Health Concerns of the Ingredient:

low moderate high

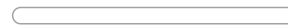
Overall Hazard



Cancer

Developmental &  
reproductive toxicity

Allergies &amp; immunotoxicity



Use restrictions



Other LOW concerns: Data gaps

**About LANOLIN OIL:** Lanolin Oil is the liquid fraction of lanolin physically separated from whole lanolin, fat-like sebaceous secretion of sheep. This ingredient is listed in the PETA's Caring Consumer guide as an animal ... [read more](#)

**Function(s):** Hair Conditioning Agent; Skin-Conditioning Agent - Emollient; ANTISTATIC; BINDING; EMULSIFYING; SOLVENT

**Synonym(s):** DEWAXED LANOLIN; LANOLIN OILS; OILS, LANOLIN

## Data gaps

Concern	Reference
Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product	Cosmetic Ingredient Review Assessments
2 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

## Ecotoxicology

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

## Organ system toxicity (non-reproductive)

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List

## Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

### About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by

Sign Up

exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)


**HEADQUARTERS** 1436 U Street, NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111  
**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.  
Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

CONNECT with EWG

- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon

Score:

1

Data available:

Limited

Summary

Products

Endocrine disruption

Allergies/immunotoxicity

Organ system toxicity (non-reproductive)

Persistence and bioaccumulation

Multiple, additive exposure sources

Ecotoxicology

Data gaps

Data sources



**EWG VERIFIED™:**  
FOR YOUR HEALTH

LEARN MORE



Get The Guide!


Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!

Get Your Copy:  
Quick Tips for  
Choosing Safer  
Personal Care  
Products

Stay informed by signing up to  
receive email tips, action

LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL



Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other LOW concerns: Endocrine disruption

About LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL: A volatile oil obtained from Lavendula officinalis, a common medicinal plant; can act as an allergen.

Function(s): Fragrance Ingredient; Skin-Conditioning Agent - Miscellaneous

Synonym(s): FRENCH LAVENDER FLOWER ESSENTIAL OIL; LAVANDULA (LAVENDER) AROMATIC OIL; LAVANDULA (LAVENDER) FLOWER OIL; LAVANDULA (LAVENDER) HYDROSOL; LAVANDULA (LAVENDER) OIL; LAVANDULA (LAVENDER) OIL EXTRACT; LAVANDULA (LAVENDER) SPIKE; LAVANDULA ANGUSTIFOLIA (FRENCH LAVENDER) FLOWER ESSENTIAL OIL; LAVANDULA ANGUSTIFOLIA (FRENCH LAVENDER) FLOWER OIL; LAVANDULA ANGUSTIFOLIA (LAVENDER) ESSENTIAL OIL; LAVANDULA ANGUSTIFOLIA (LAVENDER) FLOWER OIL

Endocrine disruption

Concern	Reference
Limited evidence of disruption	Henley et al 2007

Allergies/immunotoxicity

Concern	Reference
Associated with immunotoxicity or allergies	Schempp CM, Schopf E, Simon JC

Ecotoxicology

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

Data gaps

Concern	Reference
383 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

Persistence and bioaccumulation

Concern	Reference
Not suspected to be persistent	Environment Canada Domestic Substance List

alerts, promotions to support our work and more from EWG. You can opt-out at any time.

ZIP Code\*

Email\*

Sign Up

Not suspected to be bioaccumulative

Environment Canada Domestic Substance List

Organ system toxicity (non-reproductive)

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List

Multiple, additive exposure sources

Concern	Reference
Designated as safe for general or specific, limited use in food	FDA Everything Added to Food

Data Sources

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

FDA (U.S. Food and Drug Administration). 2008. EAFUS [Everything Added to Food]: A Food Additive Database. FDA Office of Food Safety and Applied Nutrition.

Henley et al 2007. Prepubertal gynecomastia linked to lavender and tea tree oils. N Engl J Med. 2007 Feb 1;356(5):479-85.

IFRA (International Fragrance Assocication). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: [http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf\\_itemId=43&xf\\_selectionDatapartId=25](http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25)

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

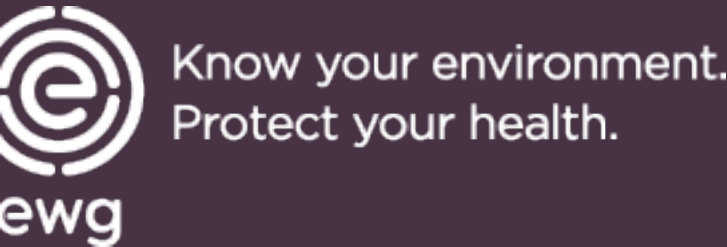
Schempp CM, Schopf E, Simon JC. 2002. [Plant-induced toxic and allergic dermatitis (phytodermatitis)]. Der Hautarzt; Zeitschrift fur Dermatologie, Venerologie, und verwandte Gebiete 53(2): 93-7.

About the Skin Deep® ratings

**EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government.** The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

About EWG VERIFIED™

**Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria.** Before a company can use EWG VERIFIEDTM on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111  
**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

CONNECT with EWG

- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon



Score:

S


1

Data available:

Limited

Summary

Products

image source: [PubChem](#)

Use restrictions

Enhanced skin absorption

Data gaps


Ecotoxicology

Multiple, additive exposure sources

Organ system toxicity (non-reproductive)

Persistence and bioaccumulation


Data sources



EWG VERIFIED™:

FOR YOUR HEALTH

LEARN MORE



Get The Guide!

Want a free Cosmetics Guide?

Donate \$10 to EWG today!

Donate Now!

Get Your Copy: Quick Tips for Choosing Safer Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

MENTHA PIPERITA (PEPPERMINT) OIL

Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other LOW concerns:

Enhanced skin absorption, Data gaps

About MENTHA PIPERITA (PEPPERMINT) OIL:

Peppermint oil is a volatile oil obtained from the plant Mentha piperita.

Function(s):

Fragrance Ingredient; Skin-Conditioning Agent - Miscellaneous

Synonym(s):

MENTHA OIL; MENTHA PIPERITA (PEPPERMINT) ESSENTIAL OIL; MENTHA PIPERITA (PEPPERMINT) LEAF ESSENTIAL OIL; MENTHA PIPERITA ESSENTIAL OIL; MENTHA PIPERITA LEAF ESSENTIAL OIL; MENTHA PIPERITA OIL; OIL OF PEPPERMINT; OILS, PEPPERMINT; PEPPERMINT ESSENTIAL OIL; PEPPERMINT LEAF ESSENTIAL OIL; PEPPERMINT OIL

Use restrictions

Concern

Determined safe for use in cosmetics, subject to concentration or use limitations - Safe for use in cosmetics with some qualifications

Reference

Cosmetic Ingredient Review Assessments

Enhanced skin absorption

Concern

Penetration enhancer

Reference

Cosmetic Ingredient Review Assessments

Data gaps

Concern

Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product

Reference

Cosmetic Ingredient Review Assessments

Concern

821 studies in PubMed science library may include information on the toxicity of this chemical [see search results ->](#)

Reference

NLM PubMed

Ecotoxicology

Concern

Not suspected to be an environmental toxin

Reference

Environment Canada Domestic Substance List

Multiple, additive exposure sources

Concern

Designated as safe for general or specific, limited use in food

Reference

FDA Food Additive Status

https://www.ewg.org/skindeep/ingredient/703844/MENTHA\_PIPERITA\_%28PEPPERMINT%29\_OIL/#

1/3



34510

ilhan.yurdakul@gmail.com

Sign Up

Concern	Reference
Designated as safe for general or specific, limited use in food	FDA Everything Added to Food

Organ system toxicity (non-reproductive)

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List
Classified as a low human health priority	Environment Canada Domestic Substance List

Persistence and bioaccumulation

Concern	Reference
Not suspected to be persistent	Environment Canada Domestic Substance List
Not suspected to be bioaccumulative	Environment Canada Domestic Substance List

Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

FDA (U.S. Food and Drug Administration) 2006. Food Additive Status List. Downloaded from <http://www.cfsan.fda.gov/%7Edms/opa-appa.html>, Oct 16, 2006.

FDA (U.S. Food and Drug Administration). 2008. EAFUS [Everything Added to Food]: A Food Additive Database. FDA Office of Food Safety and Applied Nutrition.

IFRA (International Fragrance Association). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: [http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf\\_itemId=43&xf\\_selectionDatapartId=25](http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25)

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)

HEADQUARTERS 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
CALIFORNIA OFFICE 500 Washington St., Suite 400 | San Francisco, CA 94111  
MIDWEST OFFICE 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
SACRAMENTO OFFICE 910 K Street, Suite 340 | Sacramento, CA 95814


CONNECT with EWG

- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon


Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.

Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

Score:



Data available:

 Fair

Summary

Products

Persistence and bioaccumulation

Organ system toxicity (non-reproductive)

Ecotoxicology

Data gaps

Data sources



**EWG VERIFIED™:**  
FOR YOUR HEALTH

LEARN MORE



Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!


Donate Now!

Get Your Copy:  
Quick Tips for  
Choosing Safer  
Personal Care  
Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

ZIP Code\*

OLEA EUROPAEA (OLIVE) OIL



Health Concerns of the Ingredient:

lowmoderatehigh

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other LOW concerns: Data gaps

About OLEA EUROPAEA (OLIVE) OIL: Olive oil is extracted from the reipe fruit of olive tree, Olea europaea.

Function(s): Fragrance Ingredient; Skin-Conditioning Agent - Occlusive; PERFUMING

Synonym(s): OLEA EUROPAEA (OLIVE) FRUIT OIL, OLIVE OIL; OILS, OLIVE; OLEA EUROPAEA OIL; OLIVE FRUIT OIL; OLIVE OIL; OLIVE OILS

Concern	Reference
Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product	Cosmetic Ingredient Review Assessments
9,568 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List
Classified as a low human health priority	Environment Canada Domestic Substance List

Concern	Reference
Not suspected to be bioaccumulative	Environment Canada Domestic Substance List

Data Sources
--------------

Email\*

Sign Up

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

IFRA (International Fragrance Association). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: [http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf\\_itemId=43&xf\\_selectionDatapartId=25](http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25)

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

#### About the Skin Deep® ratings

**EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government.** The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

#### About EWG VERIFIED™

**Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria.** Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



Know your environment.  
Protect your health.


**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982


**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111

**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401

**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

#### CONNECT with EWG

 EWG on Facebook

 EWG on Twitter

 EWG on YouTube

 EWG RSS Feeds


 Contact EWG via Email

 Support EWG by Shopping at Amazon


Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.

Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

Score:



Data available:

 Limited

Summary

Products

Multiple, additive exposure sources

Persistence and bioaccumulation

Organ system toxicity (non-reproductive)

Data gaps

Ecotoxicology

Data sources



**EWG VERIFIED™:**  
FOR YOUR HEALTH

[LEARN MORE](#)



Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

[Donate Now!](#)

Get Your Copy:  
Quick Tips for  
Choosing Safer  
Personal Care  
Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

PANTHENOL




image source: [PubChem](#)

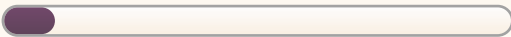
Health Concerns of the Ingredient:

low


moderate

high


Overall Hazard



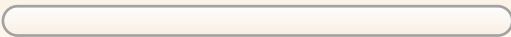
Cancer




Developmental & reproductive toxicity



Allergies & immunotoxicity



Use restrictions



Other HIGH concerns:

Multiple, additive exposure sources;

Other LOW concerns:

Data gaps

About PANTHENOL:

Panthenol is a form of vitamin B5, used as a moisturizer and lubricating compound. This ingredient is listed in the PETA's Caring Consumer guide as a substance that can be of either animal or plant or ... [read more](#)

This ingredient may be derived from animals.

From PETA's [Caring Consumer](#): Can come from animal or plant sources or synthetics. In shampoos, supplements, emollients, etc. In foods. Derivative: Panthenyl. Alternatives: synthetics, plants.

Function(s):

Hair Conditioning Agent; ANTISTATIC; SKIN CONDITIONING

Synonym(s):

D-PANTOTHENYL ALCOHOL; DEXPANTHENOL; DL-PANTOTHENYL ALCOHOL; PANTHENOL , DL-FORM; PANTOTHENOL; PANTOTHENYL ALCOHOL; PROVITAMIN B5; (+-) - PANTOTHENYL ALCOHOL; ALCOOL DL-PANTOTENILICO (ITALIAN) ; DL-PANTOTHENYL ALCOHOL; PANTENOL

Multiple, additive exposure sources	
Concern	Reference
Used in food or as an additive with limited or no toxicity information available	FDA Everything Added to Food

Ecotoxicology	
Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

Data gaps	
Concern	Reference
Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product	Cosmetic Ingredient Review Assessments
326 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

Organ system toxicity (non-reproductive)	
Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic



[Sign Up](#)

## Persistence and bioaccumulation

Concern	Reference
Not suspected to be persistent	Environment Canada Domestic Substance List
Not suspected to be bioaccumulative	Environment Canada Domestic Substance List

## Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

FDA (U.S. Food and Drug Administration). 2008. EAFUS [Everything Added to Food]: A Food Additive Database. FDA Office of Food Safety and Applied Nutrition.

IFRA (International Fragrance Association). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: [http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf\\_itemId=43&xf\\_selectionDatapartId=25](http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25)

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

### About the Skin Deep® ratings

**EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government.** The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

### About EWG VERIFIED™

**Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria.** Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



Know your environment.  
Protect your health.







**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982

**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111

**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401

**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814


### CONNECT with EWG

-  [EWG on Facebook](#)
-  [EWG on Twitter](#)
-  [EWG on YouTube](#)
-  [EWG RSS Feeds](#)
-  [Contact EWG via Email](#)
-  [Support EWG by Shopping at Amazon](#)


Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.  
Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)



Score:



Data available:

 Limited

Summary

Products

Organ system toxicity (non-reproductive)

Ecotoxicology

Data gaps

Data sources



**EWG VERIFIED™:**  
FOR YOUR HEALTH

LEARN MORE



Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!


Get Your Copy:  
Quick Tips for  
Choosing Safer  
Personal Care  
Products

Stay informed by signing up to  
receive email tips, action  
alerts, promotions to support  
our work and more from EWG.  
You can opt-out at any time.

ZIP Code\*

Email\*

PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL



Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other LOW concerns: Data gaps

About PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL:  
Almond oil is extracted from the seed kernels of the sweet almond plant, Prunus Amygdalus Dulcis.  
  
Function(s): Fragrance Ingredient; Skin-Conditioning Agent - Occlusive  
  
Synonym(s): ALMOND OIL; ALMOND OIL, SWEET; ALMOND OIL, SWEET (PRUNIS SPECIES) ; ALMOND SWEET OILS; OIL OF SWEET ALMOND; OILS, ALMOND; OILS, ALMOND, SWEET; PRUNUS AMYGDALUS (SWEET ALMOND) OIL; PRUNUS AMYGDALUS DULCIS OIL; SWEET (PRUNIS SPECIES) ALMOND OIL; SWEET ALMOND OIL

Data gaps

Concern	Reference
Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product	Cosmetic Ingredient Review Assessments
149 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

Ecotoxicology

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

Organ system toxicity (non-reproductive)

Concern	Reference
Classified as not expected to be potentially toxic or harmful	Environment Canada Domestic Substance List

Data Sources

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.
EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.
IFRA (International Fragrance Association). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: <a href="http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&amp;xf_selectionDatapartId=25">http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&amp;xf_selectionDatapartId=25</a>

[Sign Up](#)

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data.  
<http://www.pubmed.gov>.

#### About the Skin Deep® ratings

**EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government.** The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

#### About EWG VERIFIED™

**Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria.** Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



Know your environment.  
Protect your health.

**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982

**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111

**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401

**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

#### CONNECT with EWG

 EWG on Facebook

 EWG on Twitter

 EWG on YouTube

 EWG RSS Feeds

 Contact EWG via Email

 Support EWG by Shopping at Amazon

Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.

Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)



Score:

S

1

Data available: Fair

Summary

Products

Cancer

Data gaps

Ecotoxicology

Multiple, additive exposure sources

Contamination concerns

Organ system toxicity (non-reproductive)

Persistence and bioaccumulation

Data sources

EWG VERIFIED™  
FOR YOUR HEALTH

LEARN MORE

Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!

Get Your Copy: Quick Tips for Choosing Safer Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

TOCOPHEROL

Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other HIGH concerns:

 Contamination concerns;

Other LOW concerns:

 Data gaps

About TOCOPHEROL:

 Tocopherols are a class of naturally occurring chemical compounds related to Vitamin E

Function(s):

 Antioxidant; Fragrance Ingredient; Skin-Conditioning Agent - Miscellaneous;Skin-Conditioning Agent - Occlusive; SKIN CONDITIONING

Synonym(s):

 D-ALPHA-TOCOPHEROL; DL-A -TOCOP HEROL; DL- ALPHA-TOCOPHEROL; MIXED TOCOPHEROLS; NATURAL VITAMIN E; TOCOPHERYL; VITAMIN E; VITAMIN E OIL; (+-) -ALPHA- TOCOPHEROL; DL-ALPHA-TOCOPHEROL; EPHANYL

image source: PubChem

Cancer

Concern	Reference
One or more animal studies show tumor formation at high doses	Constantinides P, Harkey M
One or more animal studies show tumor formation at high doses	Nitta Y, Kamiya K, Tanimoto M, Sadamoto S, Niwa O, Yokoro K

Data gaps

Concern	Reference
Risk assessment method deficiencies and data gaps - Maximum reported "as used" concentration is basis of safety assessment by industry safety panel (Cosmetic Ingredient Review, CIR) - implicit safe concentration limit in product	Cosmetic Ingredient Review Assessments
43,489 studies in PubMed science library may include information on the toxicity of this chemical see search results ->	NLM PubMed

Ecotoxicology

Concern	Reference
Not suspected to be an environmental toxin	Environment Canada Domestic Substance List

Multiple, additive exposure sources

Concern	Reference
Designated as safe for general or specific, limited use in food	FDA Food Additive Status
Designated as safe for general or specific, limited use in food	FDA Everything Added to Food

Contamination concerns

Impurity	Score
----------	-------

Score:



1

Data available:

Fair

Summary

Products

Data gaps



**EWG VERIFIED™:**  
FOR YOUR HEALTH

LEARN MORE



Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!

Get Your Copy: Quick  
Tips for Choosing  
Safer Personal Care  
Products

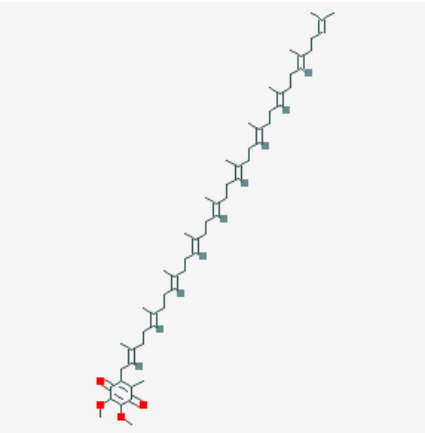
Stay informed by signing up to  
receive email tips, action alerts,  
promotions to support our work  
and more from EWG. You can  
opt-out at any time.

ZIP Code\*

Email\*

Sign Up

UBIQUINONE



Health Concerns of the Ingredient:

low

moderate

high

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Function(s): Antioxidant; Skin-Conditioning Agent - Miscellaneous; SKIN CONDITIONING

Synonym(s): COENZYME Q10; TETRACONTADECAENYL)-5,6-DIMETHOXY-3-METHYL-; UBIQUINONE 10; UBIQUINONE 50; UBIQUINONE Q10; COENZYME Q (SUB 10) ; COQ (SUB 10) ; NEUQUINON; NEUQUINONE; UBIDECARENONE; UBIQUINONE 10

image source: [PubChem](#)

Data gaps

Concern

Reference

11,008 studies in PubMed science library may include information on the toxicity of this chemical [see search results ->](#)

NLM PubMed

Data Sources

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data.  
<http://www.pubmed.gov>.


About the Skin Deep® ratings


EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



Score: 

Data available:  Fair

Product Summary

Ingredient Concerns

Animal Testing?

Label Information

Where to Purchase

Discuss This Product

Data last updated:

July 2016



**EWG VERIFIED™:**  
FOR YOUR HEALTH


LEARN MORE



## Vaseline Original Petroleum Jelly

See all: [Unilever](#) [Vaseline](#) [damaged skin treatment](#) [moisturizer](#)

EWG scientists reviewed Vaseline Original Petroleum Jelly for safety according to the methodology outlined in our Skin Deep Cosmetics Database. We assess the ingredients listed on the labels of personal care products based on data in toxicity and regulatory databases, government and health agency assessments and the open scientific literature. EWG's rating for Vaseline Original Petroleum Jelly is 1.



Ingredient Concerns:

low

moderate

high

Overall Hazard

Cancer


Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other HIGH concerns: Organ system toxicity (non-reproductive); Other MODERATE concerns: Contamination concerns

## Ingredient Concerns

Ingredient	Concerns	Score
<a href="#">WHITE PETROLATUM</a> (ACTIVE INGREDIENT)	Organ system toxicity (non-reproductive), Use restrictions, Contamination concerns ( <a href="#">PAHS</a> )	 <div>Data: <b>Fair</b></div>

### About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

### About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)

## Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!

## Get Your Copy: Quick Tips for Choosing Safer Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

ZIP Code\*

ZIP Code\*

Email\*

Sign Up



Know your environment.  
Protect your health.

**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982

**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111







**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401

**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814


Environmental Working Group is a 501(c)(3) nonprofit corporation, EIN 52-2148600.


Copyright © 2007-2019, [EWG](#). All Rights Reserved. [Privacy Policy](#) | [Legal Disclaimer](#)

#### CONNECT with EWG

-  EWG on Facebook
-  EWG on Twitter
-  EWG on YouTube
-  EWG RSS Feeds
-  Contact EWG via Email
-  Support EWG by Shopping at Amazon



Score: 

Data available:  Fair

Summary

Products

Allergies/immunotoxicity

Organ system toxicity (non-reproductive)

Persistence and bioaccumulation

Occupational hazards

Ecotoxicology

Decreased skin absorption

Data gaps

Developmental/reproductive toxicity

Enhanced skin absorption

Multiple, additive exposure sources

Data sources

ZINC OXIDE

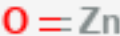


image source: [PubChem](#)

Health Concerns of the Ingredient:

lowmoderatehigh

Overall Hazard

Cancer

Developmental & reproductive toxicity

Allergies & immunotoxicity

Use restrictions

Other HIGH concerns: Occupational hazards, Persistence and bioaccumulation; Other MODERATE concerns: Organ system toxicity (non-reproductive); Other LOW concerns: Ecotoxicology

About ZINC OXIDE: Zinc Oxide is an inorganic oxide used as a colorant and sunscreen agent.

Function(s): Bulking Agent; Colorant; Skin Protectant; Sunscreen Agent

Synonym(s): CI 77947; FLOWERS OF ZINC; LOW TEMPERATURE BURNED ZINC OXIDE; PHILOSOPHER'S WOOL; PIGMENT WHITE 4; ZINC FLOWERS; ZINC OXIDE (NON-NANO) ; ZINC WHITE

Allergies/immunotoxicity

Concern	Reference
One or more animal studies show or allergenic effects at very low doses	Sayes CM, Reed KL, Warheit DB

Persistence and bioaccumulation


Concern	Reference
Persistent, bioaccumulative in wildlife	Canada PBTs - Accelerated Reduction/Elimination of Toxics (ARET)
Found to be persistent and bioaccumulative in wildlife	BorgÅ¥ K, Campbell L, Gabrielsen GW, Norstrom RJ, Muir DC, Fisk AT

Organ system toxicity (non-reproductive)

Concern	Reference
Possible human respiratory toxicant	Association of Occupational and Environmental Clinics
Limited evidence of respiratory toxicity (only for products that may be aerosolized (airborne))	California EPA, Office of Environmental Health Hazard Assessment
Limited evidence of toxicity (only for products that may be aerosolized (airborne))	California EPA, Office of Environmental Health Hazard Assessment
One or more animal studies show classified as toxic effects at moderate doses (low dose studies may be unavailable for this ingredient)	EPA Toxic Release Inventory PBTs


Occupational hazards

Concern	Reference
Strong evidence of occupational hazards (only for products that	



EWG VERIFIED™:  
FOR YOUR HEALTH

LEARN MORE



Get The Guide!

Want a free Cosmetics Guide?  
Donate \$10 to EWG today!

Donate Now!

Get Your Copy:  
Quick Tips for  
Choosing Safer

# Personal Care Products

Stay informed by signing up to receive email tips, action alerts, promotions to support our work and more from EWG. You can opt-out at any time.

ZIP Code\*

Email\*

Sign Up

may be aerosolized (airborne))	Gordon T, Fine JM
Allowed workplace exposures restricted to moderate doses (only for products that may be aerosolized (airborne))	National Library of Medicine HazMap

## Ecotoxicology

Concern	Reference
Wildlife and environmental toxicity	European Union - Classification & Labelling
Wildlife and environmental toxicity	Adams, L

## Multiple, additive exposure sources

Concern	Reference
Designated as safe for general or specific, limited use in food	FDA Food Additive Status
Designated as safe for general or specific, limited use in food	FDA Everything Added to Food

## Enhanced skin absorption

Concern	Reference
Does not cause enhanced penetration	SCCNFP

## Developmental/reproductive toxicity

Concern	Reference
Not likely to be a reproductive toxicant in humans	European_Chemicals_Bureau

## Data gaps

Concern	Reference
6,924 studies in PubMed science library may include information on the toxicity of this chemical <a href="#">see search results -&gt;</a>	NLM PubMed

## Decreased skin absorption

Concern	Reference
Limited potential to absorb into the skin.	Gulson B, McCall MJ, Gomez L, Korsch M, Casey P, Kinsley L

## Data Sources

AOEC (Association of Occupational and Environmental Clinics). 2009. AEOC exposures codes and asthmagen designation.

Adams, L. K., D. Y. Lyon, et al. (2006). "Comparative eco-toxicity of nanoscale TiO2, SiO2, and ZnO water suspensions." Water Research Article in Press.

BorgÅ¥ K, Campbell L, Gabrielsen GW, Norstrom RJ, Muir DC, Fisk AT. 2006. Regional and species specific bioaccumulation of major and trace elements in Arctic seabirds. Environ Toxicol Chem. 2006 Nov;25(11):2927-36.

CIR (Cosmetic Ingredient Review). 2006. CIR Compendium, containing abstracts, discussions, and conclusions of CIR cosmetic ingredient safety assessments. Washington DC.

CPS&Q (Consumer Products Safety & Quality) formely known as ECB (European Chemicals Bureau). 2008. Classification and Labelling: Chemicals: Annex VI of Directive 67/548/EEC through the 31st ATP.

CTFA (Cosmetic, Toiletry and Fragrance Association). 2006. International Cosmetic Ingredient Dictionary and Handbook, 11th Edition. Color Additive Information. Washington, DC.

California EPA, Office of Environmental Health Hazard Assessment. Air Toxics Hot Spots Program Risk Assessment Guidelines, Part III: Technical Support Document

California EPA, Office of Environmental Health Hazard Assessment. Air Toxics Hot Spots Program Risk Assessment Guidelines, Part III: Technical Support Document

EC (Environment Canada). 1994. Accelerated Reduction/Elimination of Toxics (ARET). ARET substance list of persistent, bioaccumulative and toxic chemicals.

EC (Environment Canada). 2008. Domestic Substances List Categorization. Canadian Environmental Protection Act (CEPA) Environmental Registry.

EPA (U.S. Environmental Protection Agency). 1999. Toxics Release Inventory Program. PBT Chemical Rule.

European Commission. 2013. Cosing, the European Commission database with information on cosmetic substances and ingredients. Accessed on March 1, 2013 at <http://ec.europa.eu/consumers/cosmetics/osing/>.

European\_Chemicals\_Bureau. 2004. ZINC OXIDE Part II “ Human Health, CAS No: 1314-13-2, EINECS No: 215-222-5; Summary Risk Assessment Report Addendum to the Part II (Human Health) I-21020 Ispra (VA) Italy.

FDA (U.S. Food and Drug Administration) 2006. Center for Food Safety and Applied Nutrition. Color Additive Status List. September 2006.

FDA (U.S. Food and Drug Administration) 2006. Food Additive Status List. Downloaded from <http://www.cfsan.fda.gov/%7Edms/opa-appa.html>, Oct 16, 2006.

FDA (U.S. Food and Drug Administration). 2008. EAFUS [Everything Added to Food]: A Food Additive Database. FDA Office of Food Safety and Applied Nutrition.

Gordon T, Fine JM. 1993. Metal fume fever. Occup Med. Jul-Sep;8(3):504-17. Review.

Gulson B, McCall MJ, Gomez L, Korsch M, Casey P, Kinsley L. 2010. Dermal absorption of ZnO particles from sunscreens applied to humans at the beach. [realizebeauty.files.wordpress.com/2010/02/iconn2010-abstract-gulson1.pdf](http://realizebeauty.files.wordpress.com/2010/02/iconn2010-abstract-gulson1.pdf)

IFRA (International Fragrance Assocication). 2010. IFRA Fragrance Ingredient List based on 2008 Use Survey. Accessed online 01/04/2010: [http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf\\_itemId=43&xf\\_selectionDatapartId=25](http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25)

NLM (National Library of Medicine). 2006. HazMap — Occupational Exposure to Hazardous Agents.

NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. <http://www.pubmed.gov>.

SCCNFP. 2003. Opinion concerning Zinc Oxide: European Commission - The Scientfic Committee on Cosmetic Products and Non-Food Products Intended for Consumers. Available: [http://ec.europa.eu/health/ph\\_risk/committees/sccp/sccp\\_opinions\\_en.htm](http://ec.europa.eu/health/ph_risk/committees/sccp/sccp_opinions_en.htm)

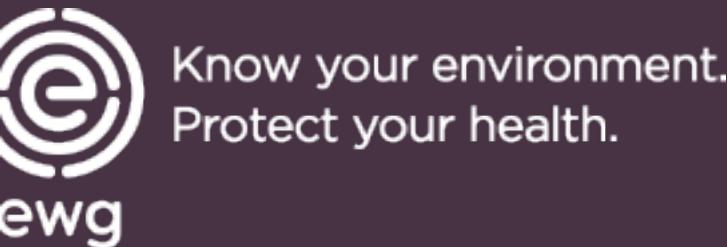
Sayes CM, Reed KL, Warheit DB. 2007. Assessing toxicity of fine and nanoparticles: comparing in vitro measurements to in vivo pulmonary toxicity profiles. Toxicol Sci 97(1): 163-80.

About the Skin Deep® ratings

EWG provides information on personal care product ingredients from the published scientific literature, to supplement incomplete data available from companies and the government. The ratings below indicate the relative level of concern posed by exposure to the ingredients in this product - not the product itself - compared to other product formulations. The ratings reflect potential health hazards but do not account for the level of exposure or individual susceptibility, factors which determine actual health risks, if any. [Learn more](#) | [Legal Disclaimer](#)

About EWG VERIFIED™

Beyond providing Skin Deep® as an educational tool for consumers, EWG offers its EWG VERIFIED™ mark as a quick and easily identifiable way of conveying personal care products that meet EWG's strict health criteria. Before a company can use EWG VERIFIED™ on such products, the company must show that it fully discloses the products' ingredients on their labels or packaging, they do not contain EWG ingredients of concern, and are made with good manufacturing practices, among other criteria. Note that EWG receives licensing fees from all EWG VERIFIED member companies that help to support the important work we do. [Learn more](#) | [Legal Disclaimer](#)



**HEADQUARTERS** 1436 U Street. NW, Suite 100 | Washington, DC 20009 | (202) 667-6982  
**CALIFORNIA OFFICE** 500 Washington St., Suite 400 | San Francisco, CA 94111  
**MIDWEST OFFICE** 111 3rd Avenue South, Suite 240 | Minneapolis, MN 55401  
**SACRAMENTO OFFICE** 910 K Street, Suite 340 | Sacramento, CA 95814

CONNECT with EWG

- EWG on Facebook
- EWG on Twitter
- EWG on YouTube
- EWG RSS Feeds
- Contact EWG via Email
- Support EWG by Shopping at Amazon

