

<p>Score: </p> <p>Data available: Limited</p> <p>Summary</p> <p>Products</p> <p>Use restrictions</p> <p>Data gaps</p> <p>Ecotoxicology</p> <p>Organ system toxicity (non-reproductive)</p> <p>Data sources</p>	<p>BUTYROSPERMUM PARKII (SHEA BUTTER)</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Health Concerns of the Ingredient:</th> </tr> <tr> <th>low</th> <th>moderate</th> <th>high</th> </tr> </thead> <tbody> <tr> <td>Overall Hazard</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Cancer</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Developmental & reproductive toxicity</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Allergies & immunotoxicity</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Use restrictions</td> <td colspan="3"><input type="text"/></td> </tr> </tbody> </table> <p>Other LOW concerns: Data gaps</p> <p>About BUTYROSPERMUM PARKII (SHEA BUTTER): Shea butter is a vegetable fat obtained from the fruit of a tree native to Africa, <i>Butyrospermum parkii</i>. Shea butter is primarily composed of fatty acids such as stearic and oleic acids.</p> <p>Function(s): Skin-Conditioning Agent - Miscellaneous; Skin-Conditioning Agent - Occlusive; ViscosityIncreasing Agent - Nonaqueous; SKIN CONDITIONING; VISCOSITY CONTROLLING</p> <p>Synonym(s): BUTTER, BUTYROSPERMUM PARKII; BUTYROSPERMUM PARKII; BUTYROSPERMUM PARKII BUTTER; KARITE BUTTER; SHEA BUTTER; SHEA BUTTER FRUIT; SHEA BUTTER- FROM THE KARITE TREE</p>		Health Concerns of the Ingredient:			low	moderate	high	Overall Hazard	<input type="text"/>			Cancer	<input type="text"/>			Developmental & reproductive toxicity	<input type="text"/>			Allergies & immunotoxicity	<input type="text"/>			Use restrictions	<input type="text"/>		
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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>.

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Score: 

Data available: **Limited**

Summary

Products

Data gaps

Data sources



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CALENDULA OFFICINALIS (POT MARIGOLD) OIL



	Health Concerns of the Ingredient:		
	low	moderate	high
Overall Hazard	<input type="text"/>		
Cancer	<input type="text"/>		
Developmental & reproductive toxicity	<input type="text"/>		
Allergies & immunotoxicity	<input type="text"/>		
Use restrictions	<input type="text"/>		

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.

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Score:



Data available: ● Fair

Summary

Products

Persistence and bioaccumulation

Organ system toxicity (non-reproductive)

Multiple, additive exposure sources

Ecotoxicology

Data gaps

Data sources



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COCOS NUCIFERA (COCONUT) OIL



Health Concerns of the Ingredient:

low moderate high

Overall Hazard



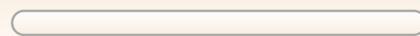
Cancer



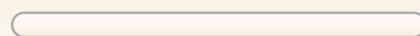
Developmental & reproductive toxicity



Allergies & immunotoxicity



Use restrictions



About COCOS NUCIFERA (COCONUT) OIL: Coconut oil is extracted from the kernels of the seeds of coconut 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

Data gaps

Concern

1,952 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 Everything Added to Food

Organ system toxicity (non-reproductive)

Concern

Classified as not expected to be potentially toxic or harmful

Classified as a low human health priority

Reference

Environment Canada Domestic Substance List

Environment Canada Domestic Substance List

Persistence and bioaccumulation

Concern

Not suspected to be bioaccumulative

Reference

Environment Canada Domestic Substance List

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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

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

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Score:



Data available: ● Fair

Summary

Products

Data gaps



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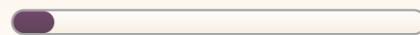
HYPERICUM PERFORATUM (ST. JOHN'S WORT)



Health Concerns of the Ingredient:

low moderate high

Overall Hazard



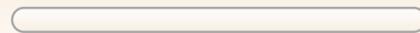
Cancer



Developmental & reproductive toxicity



Allergies & immunotoxicity



Use restrictions



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

Data gaps

Concern

2,051 studies in PubMed science library may include information on the toxicity of this chemical [see search results ->](#)

Reference

NLM PubMed

Data Sources

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Score:



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



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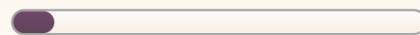
LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL



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 *Lavandula 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

Limited evidence of disruption

Reference

Henley et al 2007

Allergies/immunotoxicity

Concern

Associated with immunotoxicity or allergies

Reference

Schempp CM, Schopf E, Simon JC

Ecotoxicology

Concern

Not suspected to be an environmental toxin

Reference

Environment Canada Domestic Substance List

Data gaps

Concern

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

Reference

NLM PubMed

Persistence and bioaccumulation

Concern

Not suspected to be persistent

Reference

Environment Canada Domestic Substance List

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

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 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

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 (phyto dermatitis)]. Der Hautarzt; Zeitschrift fur Dermatologie, Venerologie, und verwandte Gebiete 53(2): 93-7.

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<p>Score: </p> <p>Data available: Limited</p> <p>Summary</p> <p>Products  image source: PubChem</p> <p>Use restrictions</p> <p>Enhanced skin absorption</p> <p>Data gaps</p> <p>Ecotoxicology</p> <p>Multiple, additive exposure sources</p> <p>Organ system toxicity (non-reproductive)</p> <p>Persistence and bioaccumulation</p> <p>Data sources</p>	<p>MENTHA PIPERITA (PEPPERMINT) OIL</p> <p>Health Concerns of the Ingredient:</p> <table border="1"> <thead> <tr> <th></th> <th>low</th> <th>moderate</th> <th>high</th> </tr> </thead> <tbody> <tr> <td>Overall Hazard</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Cancer</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Developmental & reproductive toxicity</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Allergies & immunotoxicity</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Use restrictions</td> <td colspan="3"><input type="text"/></td> </tr> </tbody> </table> <p>Other LOW concerns: Enhanced skin absorption, Data gaps</p> <p>About MENTHA PIPERITA (PEPPERMINT) OIL: Peppermint oil is a volatile oil obtained from the plant <i>Mentha piperita</i>.</p> <p>Function(s): Fragrance Ingredient; Skin-Conditioning Agent - Miscellaneous</p> <p>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</p>		low	moderate	high	Overall Hazard	<input type="text"/>			Cancer	<input type="text"/>			Developmental & reproductive toxicity	<input type="text"/>			Allergies & immunotoxicity	<input type="text"/>			Use restrictions	<input type="text"/>		
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Developmental & reproductive toxicity	<input type="text"/>																								
Allergies & immunotoxicity	<input type="text"/>																								
Use restrictions	<input type="text"/>																								
<div> </div> <p>EWG VERIFIED™: FOR YOUR HEALTH</p> <p>LEARN MORE</p>  <p>Get The Guide!</p> <p>Want a free Cosmetics Guide? Donate \$10 to EWG today!</p> <p>Donate Now!</p> <p>Get Your Copy: Quick Tips for Choosing Safer Personal Care Products</p> <p>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.</p>	<p>Use restrictions</p> <table border="1"> <thead> <tr> <th>Concern</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Determined safe for use in cosmetics, subject to concentration or use limitations - Safe for use in cosmetics with some qualifications</td> <td>Cosmetic Ingredient Review Assessments</td> </tr> </tbody> </table> <p>Enhanced skin absorption</p> <table border="1"> <thead> <tr> <th>Concern</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Penetration enhancer</td> <td>Cosmetic Ingredient Review Assessments</td> </tr> </tbody> </table> <p>Data gaps</p> <table border="1"> <thead> <tr> <th>Concern</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>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</td> <td>Cosmetic Ingredient Review Assessments</td> </tr> <tr> <td>821 studies in PubMed science library may include information on the toxicity of this chemical see search results -></td> <td>NLM PubMed</td> </tr> </tbody> </table> <p>Ecotoxicology</p> <table border="1"> <thead> <tr> <th>Concern</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Not suspected to be an environmental toxin</td> <td>Environment Canada Domestic Substance List</td> </tr> </tbody> </table> <p>Multiple, additive exposure sources</p> <table border="1"> <thead> <tr> <th>Concern</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Designated as safe for general or specific, limited use in food</td> <td>FDA Food Additive Status</td> </tr> </tbody> </table>	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	Concern	Reference	Penetration enhancer	Cosmetic Ingredient Review Assessments	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	821 studies in PubMed science library may include information on the toxicity of this chemical see search results ->	NLM PubMed	Concern	Reference	Not suspected to be an environmental toxin	Environment Canada Domestic Substance List	Concern	Reference	Designated as safe for general or specific, limited use in food	FDA Food Additive Status		
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Concern	Reference																								
Designated as safe for general or specific, limited use in food	FDA Food Additive Status																								

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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

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Score:



Data available: ● Fair

Summary

Products

Persistence and bioaccumulation

Organ system toxicity (non-reproductive)

Ecotoxicology

Data gaps

Data sources



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OLEA EUROPAEA (OLIVE) OIL



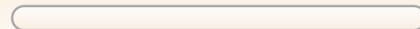
Health Concerns of the Ingredient:

low moderate high

Overall Hazard



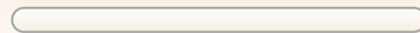
Cancer



Developmental & reproductive toxicity



Allergies & immunotoxicity



Use restrictions



Other LOW concerns: Data gaps

About OLEA EUROPAEA (OLIVE) OIL: Olive oil is extracted from the ripe 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

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
9,568 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

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

Data Sources

Email*

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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

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

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Score:



Data available: ● Limited

Summary

Products

Multiple, additive exposure sources

Persistence and bioaccumulation

Organ system toxicity (non-reproductive)

Data gaps

Ecotoxicology

Data sources



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PANTHENOL

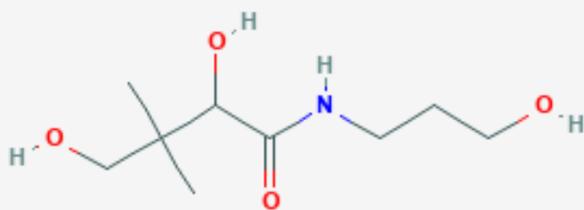
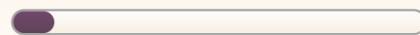


image source: [PubChem](#)

Health Concerns of the Ingredient:

low moderate high

Overall Hazard



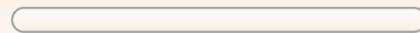
Cancer



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 [see search results ->](#)

NLM PubMed

Organ system toxicity (non-reproductive)

Concern

Reference

Classified as not expected to be potentially toxic or harmful

Environment Canada Domestic

ZIP Code*

Email*

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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.

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Score:



Data available: ● Limited

Summary

Products

Organ system toxicity (non-reproductive)

Ecotoxicology

Data gaps

Data sources



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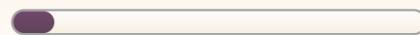
PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL



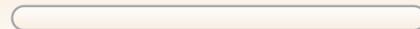
Health Concerns of the Ingredient:

low moderate high

Overall Hazard



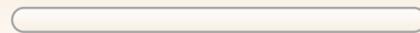
Cancer



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 [see search results ->](#)

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: http://www.ifraorg.org/Home/News/Latest-News/page.aspx/66?xf_itemId=43&xf_selectionDatapartId=25

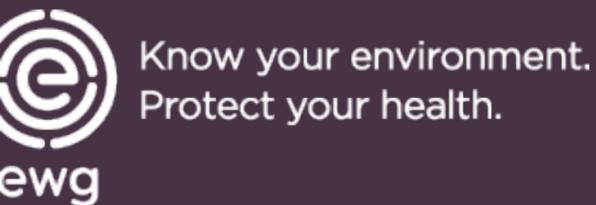
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Score: 
Data available: Fair
Summary
Products
Cancer
Data gaps
Ecotoxicology
Multiple, additive exposure sources
Contamination concerns
Organ system toxicity (non-reproductive)
Persistence and bioaccumulation
Data sources

TOCOPHEROL

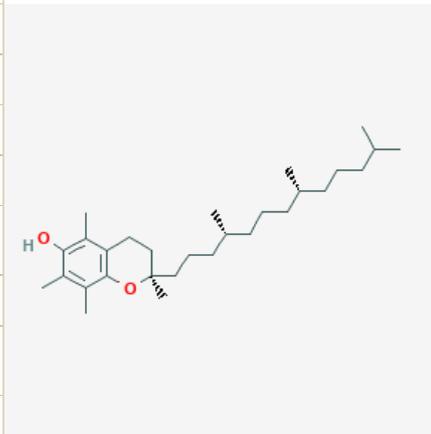


image source: [PubChem](https://pubchem.ncbi.nlm.nih.gov/compound/Tocopherol)

Health Concerns of the Ingredient:	low	moderate	high
Overall Hazard	<input type="text"/>		
Cancer	<input type="text"/>		
Developmental & reproductive toxicity	<input type="text"/>		
Allergies & immunotoxicity	<input type="text"/>		
Use restrictions	<input type="text"/>		

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

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



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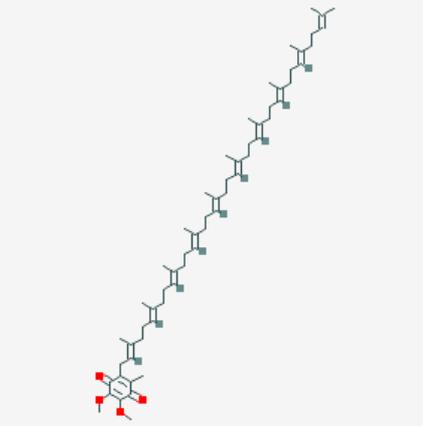
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<p>Score: </p> <p>Data available: Fair</p>	<h2>UBIQUINONE</h2>																									
<p>Summary</p>	 <p>image source: PubChem</p>	<p>Health Concerns of the Ingredient:</p> <table border="1"> <thead> <tr> <th></th> <th>low</th> <th>moderate</th> <th>high</th> </tr> </thead> <tbody> <tr> <td>Overall Hazard</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Cancer</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Developmental & reproductive toxicity</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Allergies & immunotoxicity</td> <td colspan="3"><input type="text"/></td> </tr> <tr> <td>Use restrictions</td> <td colspan="3"><input type="text"/></td> </tr> </tbody> </table> <p>Function(s): Antioxidant; Skin-Conditioning Agent - Miscellaneous; SKIN CONDITIONING</p> <p>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</p>		low	moderate	high	Overall Hazard	<input type="text"/>			Cancer	<input type="text"/>			Developmental & reproductive toxicity	<input type="text"/>			Allergies & immunotoxicity	<input type="text"/>			Use restrictions	<input type="text"/>		
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Use restrictions	<input type="text"/>																									
<p>Products</p>	<p>Data gaps</p>	 <p>EWG VERIFIED™: FOR YOUR HEALTH</p> <p>LEARN MORE</p>  <p>Get The Guide!</p> <p>Want a free Cosmetics Guide? Donate \$10 to EWG today!</p> <p>Donate Now!</p> <p>Get Your Copy: Quick Tips for Choosing Safer Personal Care Products</p> <p>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.</p> <p>ZIP Code*</p> <p>Email*</p> <p>Sign Up</p>																								
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<p>Data Sources</p> <p>NLM (National Library of Medicine). 2012. PubMed online scientific bibliography data. http://www.pubmed.gov.</p>																										
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Score:



Vaseline Original Petroleum Jelly

See all:

Unilever

Vaseline

damaged skin treatment

moisturizer

Data available: ● Fair

Product Summary

Ingredient Concerns

Animal Testing?

Label Information

Where to Purchase

Discuss This Product

Data last updated:

July 2016

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
WHITE PETROLATUM (ACTIVE INGREDIENT)	Organ system toxicity (non-reproductive), Use restrictions, Contamination concerns (PAHS)	<p>Data: Fair</p>

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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:

low moderate high

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



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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 [see search results ->](#)

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) formerly 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

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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/cosing/>.

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

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

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 Scientific 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

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.

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