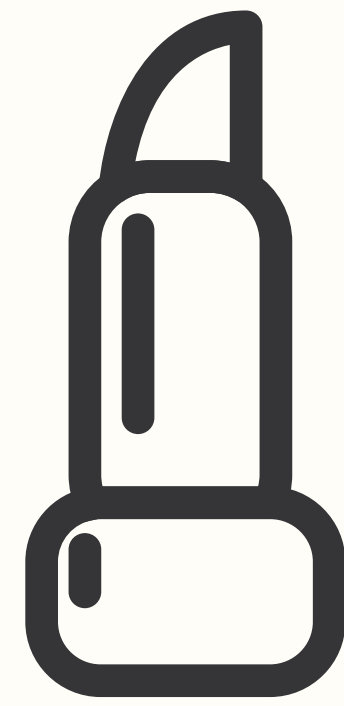
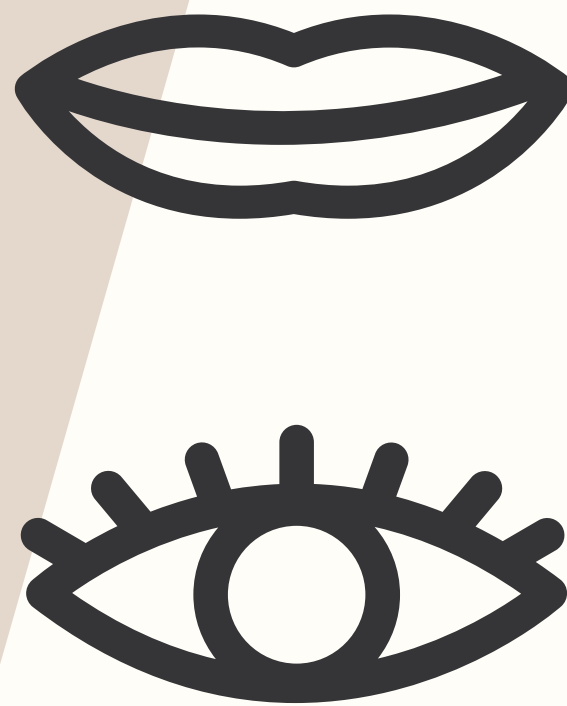
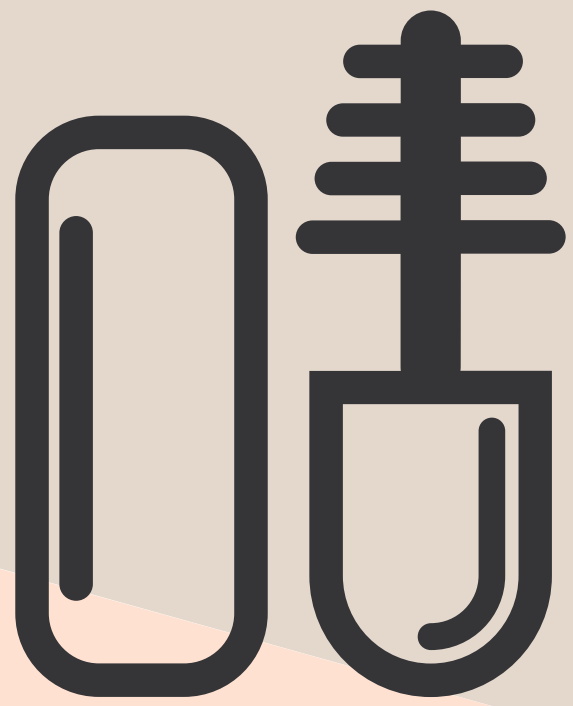


PGC 2017 DAY

9

BODY



GREENER

Skye Noh

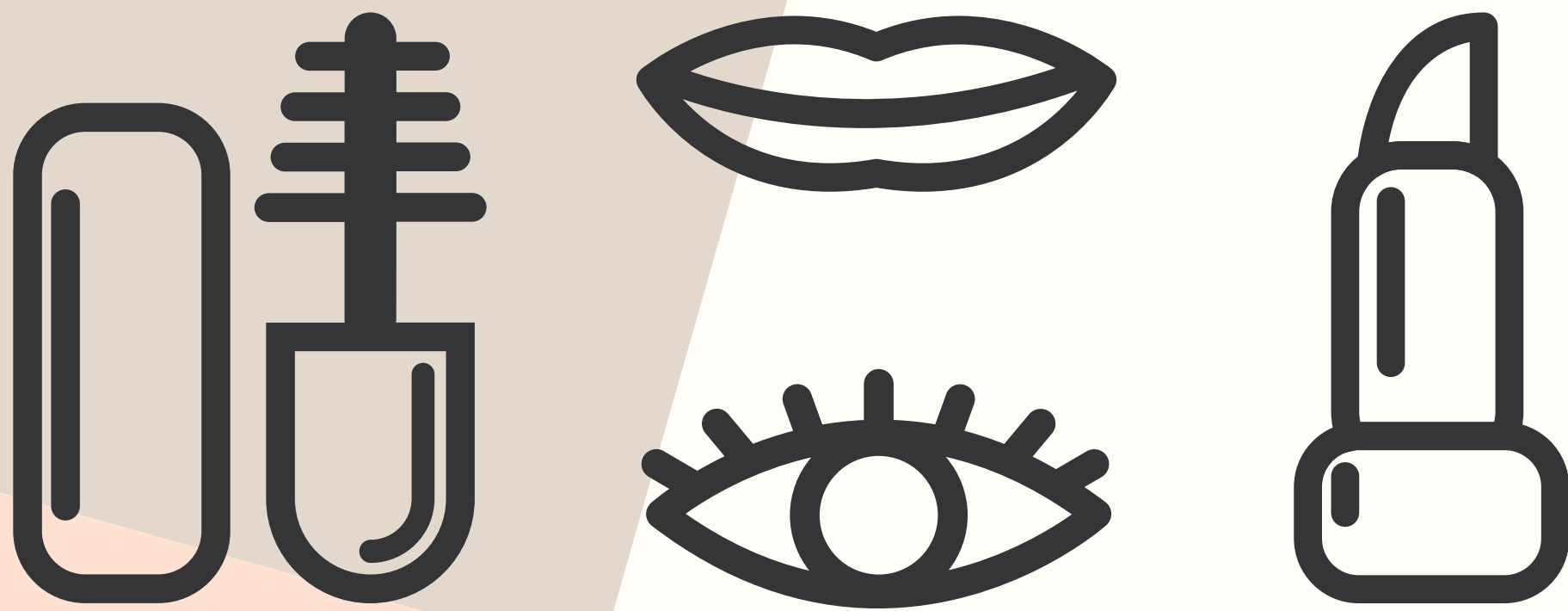
skyenoh23

skye.noh23@gmail.com

Grade 12, OKM

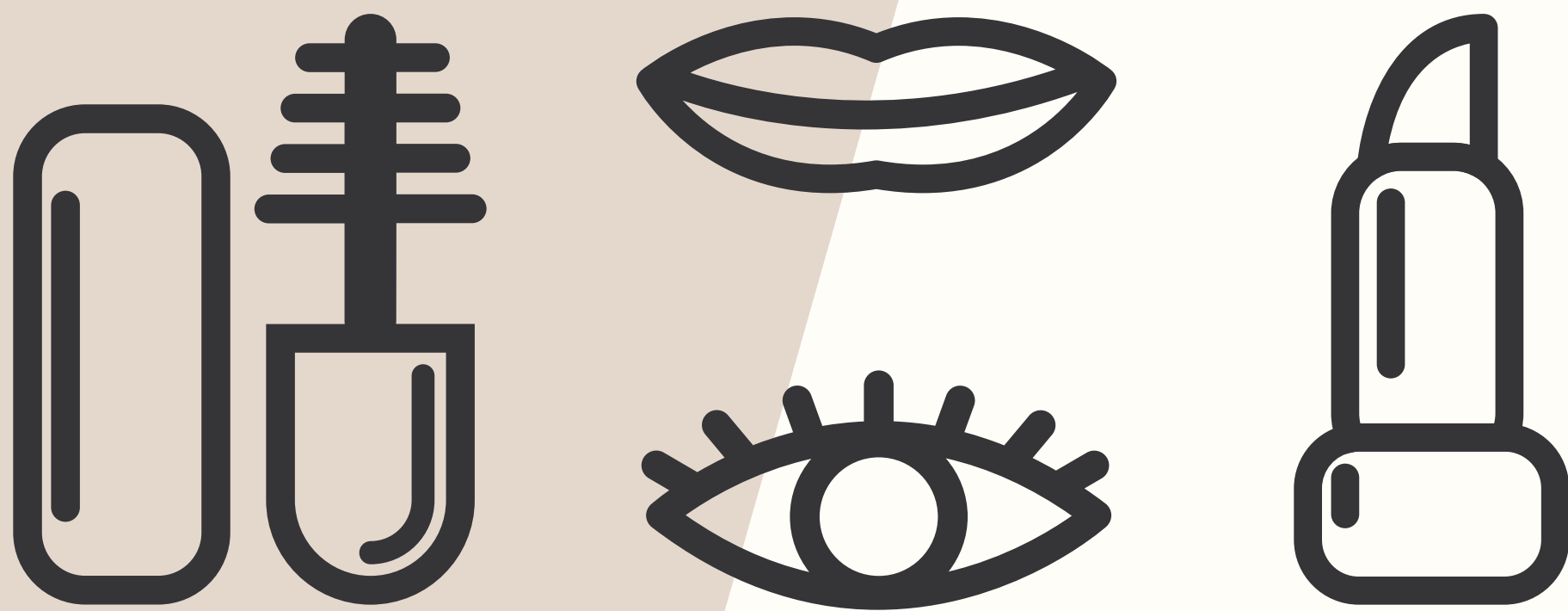
Kelowna, BC

THE SUSPECT: OLD SPICE WOLFTHORN DEODORANT



This yummy-smelling product was a shocking 9 on the Think Dirty scale, meaning it has "potential serious negative long term health effects."

EVIDENCE



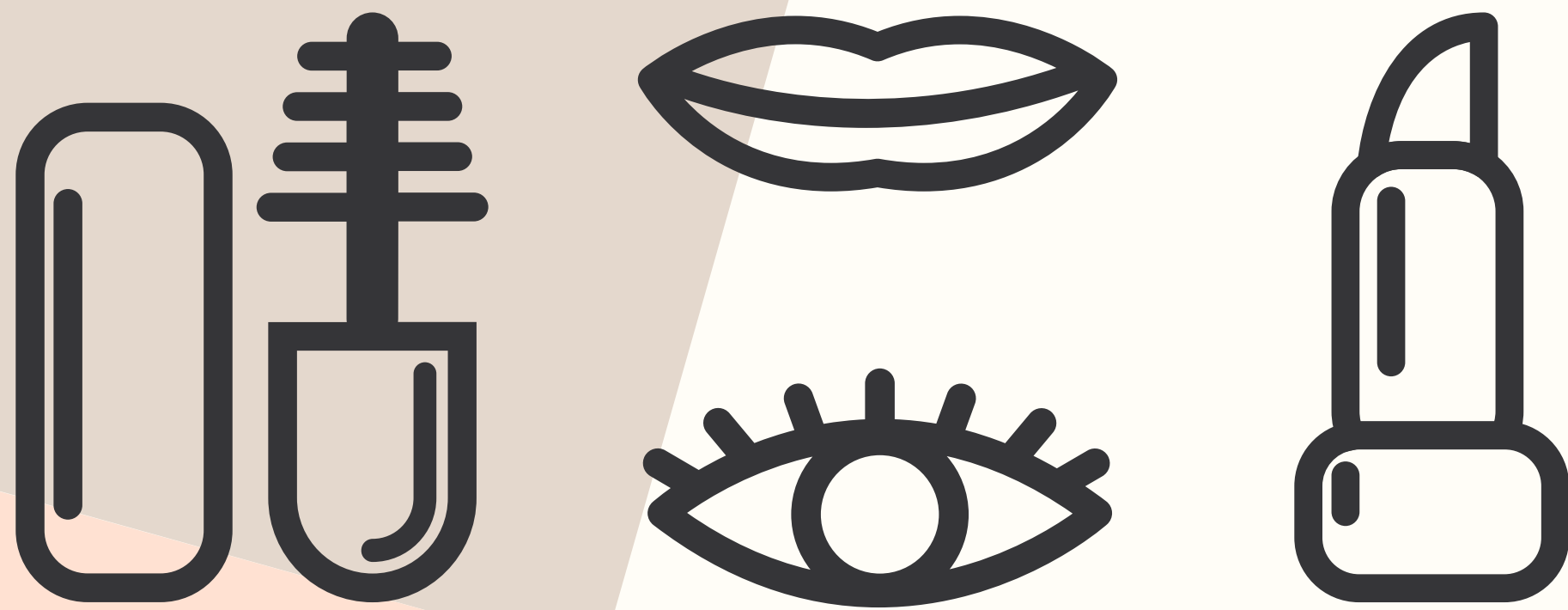
Wolfthorn deodorant is made of 8 different ingredients, no doubt mainly synthetically produced.

Ingredients:

Dipropylene Glycol, Water, Propylene Glycol, Sodium Stearate, Fragrance, PPG-3 Myristyl Ether, Tetrasodium EDTA, Blue 1

From the looks of the list, I deem all of the ingredients to be potentially harmful, water excluded.

THE VERDICT



Guilty! Fragrance surprisingly was the most harmful substance in the product. This ingredient, which got rated as a 9, is said to be a hormone disruptor as well as an allergen. According to the Think Dirty app, all fragrances are given the 9 rating if they do not specify the types of fragrances are being used, but most contain phthalates. It is not required by law to list all the ingredients under the fragrance category and is therefore extremely hard to pinpoint.

However, I did some of my own digging on the old spice website and found the following list

Perfume & Scents

Scents are a very important aspect of the overall experience of using everyday products. They can create a range of sensations such as enhancing mood, invigorating, or calming us. A preference for a certain fragrance reveals something about an individual's identity. This is what comes into play when designing perfumes. The right scent can put you at ease or make you feel confident. Whether you choose a product with a noticeable freshness or a light background note, fragrance is often part of making your routine pleasant and enjoyable. We offer a range of products and scents that cater to different tastes, including several perfume-free variants to meet the needs of those consumers who prefer a scent free product.

Our perfumes are formulated with the greatest care and utmost attention to safety. Whenever a perfume is developed or enhanced, our safety scientists evaluate the detailed composition of the perfume to ensure that the product is safe to use. Perfumes are formulated taking into account our stringent internal safety standards for every ingredient, as well as the safety standards set by the International Fragrance Association (IFRA). We adhere to the IFRA Code of Practice and the IFRA Standards. For more information about IFRA go to www.ifraorg.org.

The list below represents all the ingredients our perfumers select from to create consumer appealing scents, in alphabetical order. This list is regularly updated to reflect changes in the palette of ingredients.

(-)-[R]- α -Phellandrene
(-)- α -Fenchol
(-)-Gualol
(+)-Tartaric acid
(+/-)-Pulegone
[1,7,7-trimethylbicyclo[2.2.1]hept-2-yl]cyclohexan-1-ol
[1-Ethoxyethoxy]-cyclododecane
2-Butoxyethylbenzene
[2E,6Z]-Nona-2,6-dien-1-ol
[2E,6Z]-Nona-2,6-dienyl acetate
(3a,4a,4a',5a,7a,7a',7a'')-3a,4,5,6,7a-Hexahydro-3-methyl-5-methylene-4,7-methano-1H-inden-6-yl acetate
(4-Methylphenoxy)acetaldehyde
(4-Tert-Butylphenyl)acetone
(E)- β -Ionone
(E)-1-[2,4,4-trimethyl-2-cyclohexen-1-yl]-2-buten-1-one
(E)-1-Ethoxy-3,7-dimethylocta-2,6-diene
(E)-2-Phenylpropenyl acetate
(E)-3,4,5,6,6-Pentamethylhept-3-en-2-one
(E)-3,7-Dimethylocta-2,6-diene-1-thiol
(E)-4-Decenal
(E)-6,10-Dimethylundeca-5,9-dien-2-yl acetate
(E)-Hex-3-enyl acetate
(E)-Non-2-enal
(E)-Oct-2-enal
(E)-Oct-5-en-2-one
(tri-)Acetin
(Z)-1-Ethoxy-3,7-dimethylocta-2,6-diene
(Z)-2-Penten-1-ol
(Z)-2-Phenylpropenyl acetate
(Z)-3,4,5,6,6-Pentamethylhept-3-en-2-one
(Z)-6,10-Dimethylundeca-5,9-dien-2-yl acetate
(Z)-Hex-3-enyl 2-methylbutyrate
(Z)-Octadec-9-enol
beta-Caryophyllene alcohol
.Eta.-1H-Indol-1-yl-.a.,.a.,.e.-trimeric-1H-Indole-1-heptanol
.a.,.a.,.a.,.6-Tetramethylbicyclo[3.1.1]hept-2-ene-2-propionaldehyde
.a.-Bisabolol
.a.-Methylcyclohexylmethyl acetate
 β , β , β -Carotene
 β , β , β -4-Dimethylcyclohex-3-ene-1-propan-1-ol
[[3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-inden-5(or 6)-yl]oxy]acetaldehyde
[1,1-Bicyclopentyl]-2-yl 2-butenate
[1. α .[E].2 β]-1-[2,6,6-trimethyl-3-cyclohexen-1-yl]-2-Buten-1-one
[2-Cyclohexyloxy]ethyl benzene
[2,2-Bis[3-methylbutoxy]ethyl]benzene
[2,2-Bis[3,7-dimethyl-2,6-octadienyl]oxy]ethylbenzene
[2-Isopropoxyethyl]benzene
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthalenyl)ethanone [OTNE]
1-(1,2,3,4-Tetrahydro-4,4-dimethyl-1-naphthyl)propan-1-one
1-(1-ethyl-5-bicyclo[2.2.1]heptanyl)cyclohexan-1-ol
1-(1-Naphthyl)ethanone
1-(2,2,6-Trimethylcyclohexyl)-3-hexanol
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one
1-[2,4-Dimethyl-3-cyclohexenyl]-2,2-dimethylpropan-1-one
1-[2,6,6-Trimethyl-2-cyclohexen-1-yl]pent-1-en-3-one
1-[2,6,6-Trimethylcyclohexa-1,3-dienyl]-2-buten-1-one
1-(2-Tert-Butyl cyclohexyloxy)-2-butanol
1-(3,3-Dimethylcyclohexyl)ethan-1-one
1-(3,3-Dimethylcyclohexyl)pent-4-en-1-one
1-(3,5,6-Trimethyl-3-cyclohexen-1-yl)ethan-1-one
1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one

1-[5,6,7,8-tetrahydro-2-naphthalenyl]ethanone
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixalid)
1-(Naphthyl)ethan-1-one
1-(para-Menthen-6-yl)-1-propanone
1-(p-Methoxyphenyl)-2-propanone
1,1,3-Trimethyl-3-phenylbutane
1,1-Diethoxy-3-methylindane
1,1-Diethoxyheptane
1,1-Diethoxyhexane
1,1-Dimethoxycyclododecane
1,1-Dimethyl-2-phenylethyl acetate
1,1-Dimethyl-2-phenylethyl isobutyrate
1,2,3,4,4a,5,6,7-Octahydro-2,5,5-trimethyl-2-naphthalenol
1,2,3,4,4a,7,8,8a-Octahydro-2,4a,5,8a-tetramethyl-1-naphthyl formate
1,2,3,4,5,6,7,8,9,10-Decahydro-5,9-methanobenzocycloocten-11-one
1,2,3,4,5,6,7,8-Octahydro-5,5-dimethylnaphthalene-2-carbaldehyde
1,2,3,4,5,6,7,8-Octahydro-8,8-dimethyl-2-naphthaldehyde
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, ethyl ester
1,2,3-Propanetriol, diacetate
1,2-Cyclopentanedione, 3,4,4-trimethyl-
1,2-Dimethoxybenzene
1,2-Epoxy-cyclododecane
1,2-Propanediol, 3-[[5-methyl-2-(1-methylethyl)cyclohexyl]oxy]-
1,3,3-Trimethyl-2-norbornanyl acetate
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-y-2-benzopyran
1,3,5-Triazine-2,4,6-(1H,3H,5H)-trione, 1,3,5-tris[[4-(1,1-dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]methyl]-
1,3,5-Triazine-2,4-diamine, 6-phenyl-
1,3,5-Undecatriene
1,3-Benzodioxole, 5-(diethoxymethyl)-
1,3-Benzodioxole-5-methanol
1,3-Benzodioxole-5-propanol, .a.,-methyl-, 5-acetate
1,3-Butanediol
1,3-Dimethyl-3-butenyl salicylate
1,3-Dimethyl-3-phenylbutyl acetate
1,3-Dimethylbut-3-enyl isobutyrate
1,3-Dimethylbutyl 2-butenate
1,3-Dioxane, 2-[2,4-dimethyl-3-cyclohexene-1-yl]-5-methyl-5-(1-methylpropyl)-
1,3-Dioxane, 5-methyl-2-(2-methylpropyl)-cis-
1,3-Dioxolane, 2,4-dimethyl-2-[5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl]-, trans-
1,3-dioxolane, 2-methyl-4-phenyl
1,3-Methanonaphthalen-7(1H)-one, 2,3,4,4a,5,6-hexahydro-2,2-dimethyl-,
1,3-Nonanedial acetate (mixed esters)
1,3-Oxathiane, 2-ethyl-4,4-dimethyl-
1,3-Propanedione, 1-[4-(1,1-dimethylethyl)phenyl]-3-[4-methoxyphenyl]-
1,3-Undecadien-5-yne
1,4-Cineole
1,4-Cyclohexanedicarboxylic acid, diethyl ester
1,4-Dimethoxy-2-tert-butylbenzene
1,4-Dioxane-2,5-diol, 2,3,5,6-tetramethyl-
1,4-Methanonaphthalen-5(1H)-one, 4,4a,6,7,8,8a-hexahydro-
1,5,5,9-Tetramethyl-13-oxatricyclo[8.3.0.0(4,7)]tridecane
1,5,9-Trimethylcyclohexadeca-1,5,9-triene epoxide
1,5-Dimethylbicyclo[3.2.1]octan-8-one-oxime
1,6,7,8-Tetrahydro-1,4,6,6,8,8-hexamethyl-as-indacene-3(2H)-one

2,4-Hexadienyl isobutyrate
2,4-Xylenol
2,5,5-Trimethyl-2-phenyl-1,3-dioxane
2,5,6-Trimethyl-4-heptenal
2,5,7-Trimethyl-2-decene-6,8-dione
2,5-Dimethylpyrazine
2,5-Pyrrolidinedione, 1-[1-acetyl-2,2,6,6-tetramethyl-4-piperidinyl]-3-dodecyl-
2,5-Xylenol
2,6,10-Trimethyl-9-undecenal
2,6,10-Trimethylundeca-5,9-dienal
2,6,10-Trimethylundeca-5,9-dienal (dihydroopofomesal)
2,6,6-Trimethyl-1-cyclohexen-1-acetaldehyde
2,6,6-Trimethylbicyclo[3.1.1]heptan-3-ol
2,6,6-Trimethylcyclohex-2-ene-1,4-dione
2,6,6-Trimethylcyclohexa-1,3-dienyl methanol
2,6,8-Trimethylnonan-4-one
2,6-Dimethoxyphenol
2,6-Dimethyl-10-methylene-2,6,11-dodecatrienal
2,6-Dimethyl-2,4,6-octatriene
2,6-Dimethyl-2-heptanol
2,6-Dimethyl-2-octyl acetate
2,6-Dimethyl-4-heptanol
2,6-Dimethyl-5-heptanol
2,6-Dimethyloct-7-en-2-yl formate
2,6-Dimethylocta-2,4,6-triene
2,6-Dimethylpyrazine
2,6-Nonadien-1-ol
2,6-Nonadienyl diethyl acetal
2,6-Octadienal, 3,7-dimethyl-, acid-isomerized
2,6-Octadiene-1-thiol, 3,7-dimethyl-
2,6-Xylenol
2-[[3,3,5-trimethylcyclohexyl]acetyl]cyclopentan-1-one
2-[8-Isopropyl-6-methylbicyclo[2.2.2]oct-5-en-2-yl]-1,3-dioxolane
2-Acetyl-5-methylfuran
2-Acetylthiazole
2-Amino-2-(hydroxymethyl)-1,3-propanediol
2-Benzyl-2-methylbut-3-enenitrile
2-Benzylheptanol
2-Benzylheptanol
2-Butanol
2-Butanone
2-Butanone, phenylhydrazone
2-Buten-1-one, 1-(2,2-dimethyl-6-methylenecyclohexyl)-
2-Buten-1-one, 2-methyl-1-(1-piperidinyl)-
2-Butenoic acid, 2-methylpropyl ester
2-Butenoic acid, 3-methyl-
2-Butenoic acid, 3-methyl-, 3-methyl-2-butenyl ester
2-Butyl-4,4,6-trimethyl-1,3-dioxane
2-Butyltetrahydro-6-methyl-4-methylene-2H-pyran
2-Cyclohexen-1-ol, 1-methyl-4-(1-methylethyl)-, [(1R,4R)-ret-
2-Cyclohexen-1-one, trimethylmethyl-
2-Cyclohexylpropan-1-ol
2-Cyclopenten-1-one, 3-ethyl-2-hydroxy-
2-Cyclopenten-1-one, 3-methyl-2-(pentyloxy)-
2-Cyclopentylcyclopentanone
2-Decenal
2-Dodecenal
2-Ethoxy-2,6,6-trimethyl-9-methylenebicyclo[3.3.1]nonane
2-Ethoxy-4-(methoxymethyl)phenol
2-Ethoxy-4-methylphenol
2-Ethyl pyrazine
2-Ethyl-1,3,3-trimethyl-2-norbornanol

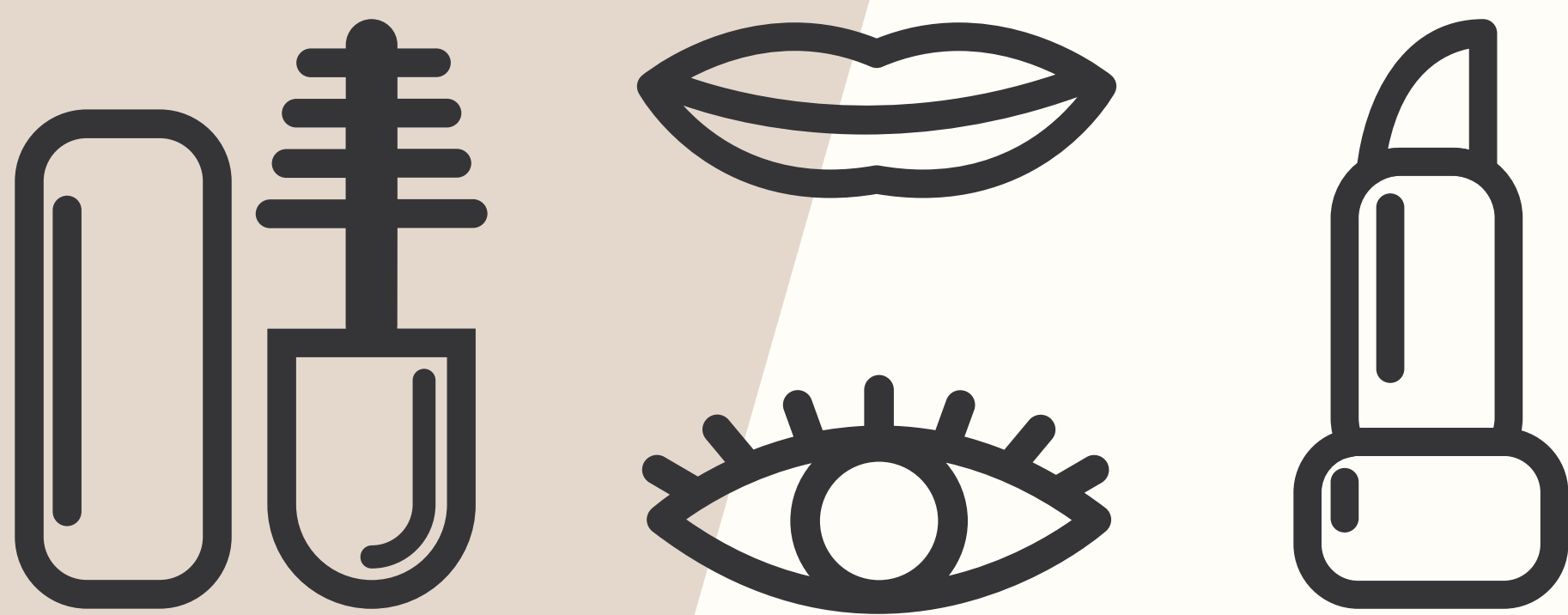
2-Ethyl-1-butanol
2-Ethyl-1-hexanol
2-Ethyl-3-methylpyrazine
2-Ethyl-4-[2,2,3-trimethyl-3-cyclopenten-1-yl]-2-buten-1-ol
2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone
2-Ethyl-4-hydroxy-5-methylfuran-3(2H)-one
2-Ethyl-5-methoxybicyclo[2.2.1]heptane
2-Ethylbutyl cyclopent-2-ene-1-acetate
2-Ethylbutyric acid
2-Ethyl-dimethylpyrazine (isomer unspecified)
2-Ethylhexyl acetate
2-Ethylundecan-1-ol
2-Ethylphenol
2-Farmyl-6,6-dimethylbicyclo[3.1.1]hept-2-ene
2-Furanmethanol, acetate
2-Furyleneoctanol
2-Furyl methyl ketone
2H-1,5-Benzodioxepin-3(4H)-one, 7-(1,1-dimethylethyl)-
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-[4,8,12-trimethyltridecyl]-
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-[4,8,12-trimethyltridecyl]-, acetate
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-[[4R,8R]-4,8,12-trimethyltridecyl]-, (2R)-
2-Heptanol
2-Heptanone
2-Heptylcyclopentanone
2-Heptylidene-cyclopentan-1-one
2-Heptyltetrahydrofuran
2-Hexadecen-1-ol, 3,7,11,15-tetramethyl-
2-Hexen-1-ol
2-Hexen-1-ol, 3-methyl-, acetate (9CI)
2-Hexen-1-yl acetate (E)
2-Hexenoic acid, (E)-
2-Hexylcyclopentanone
2-Hexylidene cyclopentanone
2-Hexylidene-cyclohexan-1-one
2H-Indeno [4,5-b]furan, decahydro-2,6,6,6,7,8,8-hexamethyl-
2H-Indeno [4,5-b]furan, decahydro-2,6,6,6,7,8,8-heptomethyl-
2H-Pyran, 3,6-dihydro-4-methyl-2-phenyl-
2H-Pyran-2-one, 6-pentenyl-
2H-Pyran-2-one, tetrahydro-6-nonyl-
2-Hydroxyacetophenone
2-Hydroxyethyl phenoxycetate
2-Hydroxymethylbenzolic acid y lactone
2-Hydroxy-a,a,4-trimethylcyclohexanemethanol
2-Isobutyl-3-methoxypyrazine
2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol
2-Isobutylquinoline
2-Isobutylthiazole
2-Isopropenyl-5-methyl-4-hexen-1-ol
2-Isopropyl-N,2,3-trimethylbutylamide
2-Isopropyl-4-methylanisole
2-Isopropyl-5-methylcyclohexyl 2-methylbut-2-enoate
2-Isopropyl-p-cresol
2-Isopropylphenol
2-Methoxy-3-(1-methylpropyl)pyrazine
2-Methoxy-3[5 and 6]isopropylpyrazine
2-Methoxy-3[α 5]-methylpyrazine
2-Methoxy-3-methylpyrazine
2-Methoxy-4-methylphenol
2-Methoxy-4-propylphenol
2-Methoxy-4-vinylphenol
2-Methyl quinoline
2-Methyl-2,4-pentandial

1,6-Heptadien-3-one, 2-cyclohexyl-
1,6-Octadiene, 7-methyl-3-methylene-, acid-hydrated, geraniol fractions, distn. residues
1,7,7-Trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one
1,7,7-Trimethylbicyclo[4.4.0]dec-3-yl acetate
1,8,12-Bisabolatriene
1. α ,5. α -Dihydrogualol
1-[5(Or 6)-Methyl-7(or 8)-[1-methylethyl]bicyclo[2.2.2]oct-5-en-2-yl]ethan-1-one
10-Dodecen-3-one, 5-hydroxy-7,11-dimethyl-
10-Oxahexadecanaldide
10-Undecenal
10-Undecenoic acid
10-Undecenoic acid, heptyl ester
11-Oxahexadecanaldide
11-Tridecen-6-one, 8,12-dimethyl-
12-Oxahexadecanaldide
1-Bicyclo[2.2.1]hept-5-en-2-ylethan-1-one-oxime
1-Butanol, 2-methyl-, acetate
1-Butanol, 3-methoxy-3-methyl-
1-Butanone, 3-(dodecylthio)-1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-
1-Cyclohexene-1-acetic acid
1-Cyclohexylethyl 2-butenate
1-Cyclohexylethyl butyrate
1-Cyclopropylmethyl 4-methoxybenzene
1-Decanal
1-Decene, 1-ethoxy
1-Ethoxy-4-(1-ethoxyvinyl)-3,3,5,5-tetramethylcyclohexene
1-Ethyl-3-methoxytricyclo[2.2.1.0 2,6]heptane
1-Farmyl-1-methyl-4-(4-methyl-pentyl)-3-cyclohexene
1-Hexadecanal
1-Hexen-3-ol
1H-Inden-1-one, 2,3-dihydro-2,3,3-trimethyl-
1H-Indene-2-methanol, 2,3-dihydro-2,5-dimethyl-
1H-Indene
1H-Indene, 2,3,3a,4,5,7a-hexahydro-1,1,2,3,3-pentamethyl-6-(2-propenyl)-
1H-Indene- α -propanal, 2,3-dihydro-1,1-dimethyl-
1-Methoxyhexane
1-Methoxyhexane-3-thiol
1-Methoxypropan-2-ol
1-Methyl-2-(1-methylpropyl)cyclohexyl acetate
1-Methyl-2,3-cyclohexadione
1-methyl-3-(2-methylpropyl)cyclohexan-1-ol
1-Methyl-3-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde
1-Methyl-3-methoxy-4-isopropylbenzene
1-Methyl-4-(1-methylvinyl)-7-oxabicyclo[4.1.0]heptane
1-Methyl-4-[4-methyl-3-pentenyl]cyclohex-3-ene-1-carbaldehyde
1-Methyl-4-(isopropyl)cyclohexan-1-ol
1-Methylcyclohexyl methyl ether
1-Naphthalenol, 1,2,3,4,4a,5,8,8a-octahydro-2,2,6,8-tetramethyl-
1-Nonanol, 2,4,6,8-tetramethyl-,acetate
1-Octanol
1-Octen-3-ol
1-Octen-3-yl acetate
1-Oxaspiro[4.5]deca-3,6-diene, 2,6,9,10-tetramethyl-
1-Oxaspiro[4.5]deca-3,6-diene, 2,7-dimethyl-10-(1-methylethyl)-
1-Oxaspiro[4.5]deca-3,6-diene, 4-ethyl-2,10,10-trimethyl-
1-Oxaspiro[4.5]decan-2-one, 8-(1-methylethyl)-, trans-
1-Oxaspiro[4.5]decan-2-one, 8-methyl-

1-Oxaspiro[4.5]decan-2-one, 8-methyl-, trans-
1-Oxaspiro[4.5]decan-6-ol, 2,6,10,10-tetramethyl-, (2R,5S,6S)-ret-
1-Penten-3-ol
1-Penten-3-ol, 2-methyl-1-(methylbicyclo[2.2.1]hept-5-en-2-yl)-
1-Phenyl-3-methyl-3-pentanol
1-p-Menthane-8-thiol
1-Propanol
1-Propanol, 2-methyl-3-[[1,7,7-trimethylbicyclo[2.2.1]hept-2-yl]oxy]-
1-Tetradecanal
2-Methyl pyrazine
2-Propanoic acid, 2-[[1-(1R)-3,3-dimethylcyclohexyl]ethoxy]-2-methylpropyl ester
2-[1-(3,3'-Dimethyl-1'-cyclohexyl)ethoxy]-2-methyl propyl propanoate
2-[1,1,2,3-Pentamethylindan-5-yl]-1-propanal
2-[1,1-Dimethylethyl]-4-methylcyclohexan-1-ol
2(10)-Pinen-3-ol
2-(1-Ethylpropyl)pyridine
2-(1-Methylpropyl)-1-vinylcyclohexyl acetate
2-[2-Hydroxy-5-tert-oxyphenyl] benzotriazole
2-[3,7-Dimethyl-2,6-octadienyl]cyclopentanone
2[3H]-Benzofurane, hexahydro-3,6-dimethyl-
2[3H]-Naphthalenone, 4,4a,5,6,7,8-hexahydro-4,4a-dimethyl-6-(1-methylethylidene)-, (4R,4aS)-
2-[3-Heptyl]-1,3-dioxolane
2-[3-Phenylpropyl]pyridine
2-[3-Phenylpropyl]tetrahydrofuran
2-[4H]-Benzofurane, 5,6-dihydro-3,6-dimethyl-
2-[4-Methyl-1-phenyl]-2-propanethiol
2-[4-Methylphenoxy]ethanol
2-[p-Menth-1-ene-10-yl]cyclopentanone
2-[p-Tolyl]propanaldehyde
2-[Tetrahydro-5-methyl-5-vinyl-2-furyl]propan-2-ol
2,10-Epoxyplnane
2,1,2-Tridecadienenitrile [2E]-
2,2,3-Trimethyl-3-Cyclopentene-1-acetaldehyde
2,2,4-Trimethyl-4-phenylbutane-nitrile
2,2,5-Trimethyl-5-pentylcyclopentanone
2,2,6-Trimethyl-6-vinyltetrahydropyran
2,2-Dimethyl-3-[3-methyl-2,4-pentadienyl]oxirane
2,2-Dimethyl-3-phenylpropanol
2,3,5,6-Tetramethylpyrazine
2,3,5-Trimethylpyrazine
2,3,6-Trimethylphenol
2,3-Diethylpyrazine
2,3-Dimethyl-4-[2,6,6-trimethyl-1-cyclohexen-1-yl]-2-butanol
2,3-Dimethylphenol
2,3-Hexanedione
2,3-Pentanedione
2,4,4,7-Tetramethyl-6-octen-3-one
2,4,4,7-Tetramethylnona-6,8-dien-3-one
2,4,4,7-Tetramethylnona-6,8-dien-3-one-oxime
2,4,6-Trimethyl-3-cyclohexene-1-methanol
2,4,4-Trimethyl-4-phenyl-1,3-dioxane
2,4,6-Trimethylcyclohex-3-enecarbaldehyde
2,4-Dimethyl-2-[5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl]-1,3-dioxolane
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde
2,4-Dimethyl-4,4a,5,9b-tetrahydroindeno[1,2-d]-1,3-dioxin
2,4-Dimethyl-4-phenyltetrahydrofuran
2,4-Dimethylbenzyl acetate
2,4-Dimethylcyclohex-3-ene-1-methyl acetate
2,4-Dodecadien-1-ol, (2E,4E)-
2,4-Hexadien-1-ol

This list goes on for 17 more pages, stating each under one used. However, all these chemicals are put under one category on product labels: fragrances.

THE REPLACEMENT



Since Old Spice was not a healthy choice, I found EO's spray deodorant while looking through the Everyone's website.

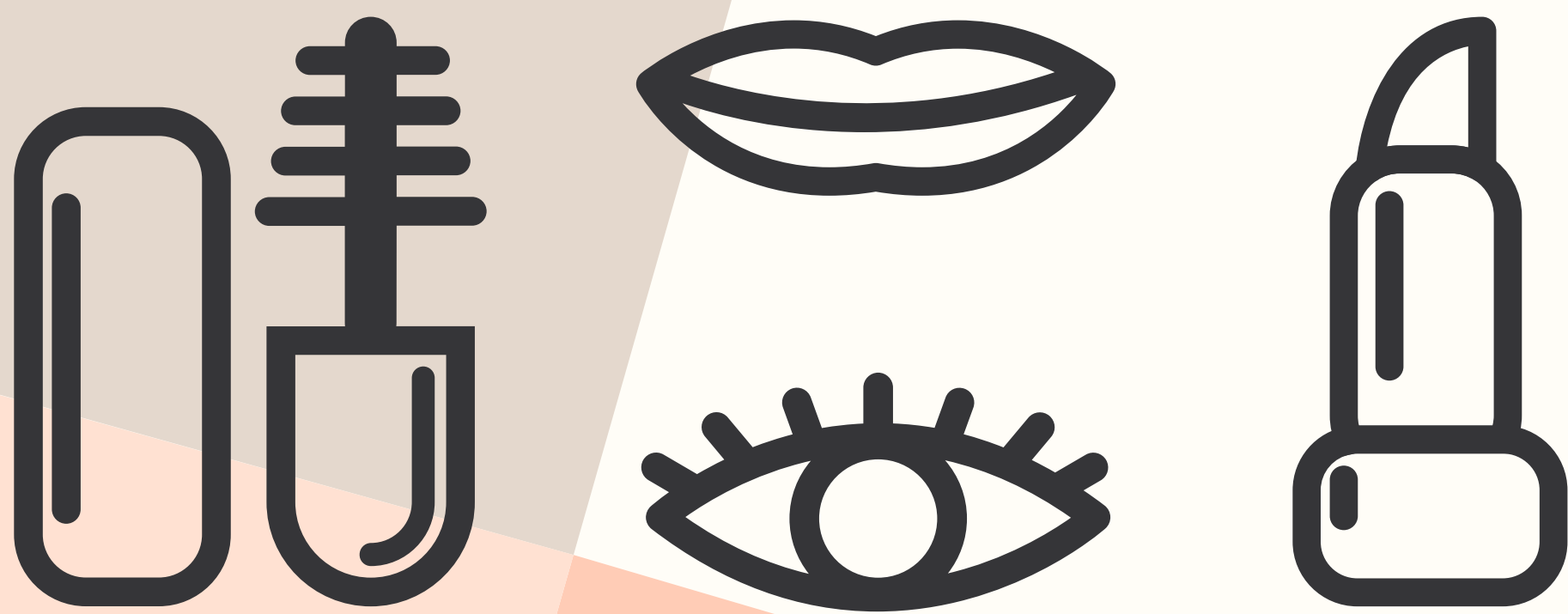
Turns out EO is the maker of the Everyone line! This particular product was \$6.99.

EO® Certified Organic Deodorant Spray Tea Tree

Ingredients:

Organic Ethanol, Purified Water, EO® Essential Oil Blend [Organic Lavandula Angustifolia (Lavender) Oil, Organic Maleleuca Alternifolia (Tea Tree) Leaf Oil, Organic Vetiveria Zizanioides Root Oil, Organic Cedrus Deodara Wood Oil, Organic Cananga Odorata Flower Oil, Organic Rosmarinus Officinalis (Rosemary) Leaf Oil]

THE REPLACEMENT



I would definitely consider making the switch provided that I find in a local store and wouldn't require it to be shipped. The EO deodorant is not only organic, and all natural, but comes in flavors like tea tree, lavender, and citrus, all scents I adore!

DEODORANT FACE OFF



- Has potential to cause cancer, allergic reactions and disrupt hormones
- Tests on animals

- Is all natural
- USDA organic
- Cruelty free
- Certified B Corp
- Gluten free



Sources:

<https://www.eoproducts.com/eo-organic-deodorant-tea-tree.html>
<https://oldspice.com/en/content/wolfthorn-wild-collection-deodorant>

Images are taken from:

<https://www.walmart.com/ip/Old-Spice-Wild-Collection-Wolfthorn-Deodorant-3-oz/22101451>
<https://www.eoproducts.com/eo-organic-deodorant-tea-tree.html>

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