

Appendix C

Written Comments Received During the 15-day Comment Period

Final Statement of Reasons

Proposed Amendments to the California Consumer Products Regulations



Comment Log Display

Below is the comment you selected to display.

Comment 1 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Dave
Last Name: Carroll
Email Address: dave_carroll@comcast.net
Affiliation:

Subject: Monoterpene Definition

Comment:

This is not accessible by a non-CA employee - please provide the definition.

(SciFinder, 2021) American Chemical Society CAS SciFinder Reporting Tool, accessed May 2021.

<https://scifinder-n-casorg.proxy.library.ca.gov/search/substance/60a6dc10f84b8f039c97cee5/1>. In subsection 94510(c), staff proposes to add the definition for "Monoterpene."

This document is mentioned and cited on page 3 of this Notice and is necessary to provide information related to the Chemical Abstracts Service (CAS) registry numbers of chemical compounds specified in section 94510(c). This document is also added to the References list in the ISOR. Staff is now formally adding this document to the rulemaking record to ensure an accurate record.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2021-08-19 11:58:02

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Comment Log Display

Below is the comment you selected to display.
Comment 2 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: drraymond@me.com
Affiliation: On Behalf of Honeywell International Inc

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

Honeywell International Inc. (Honeywell) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulation.

Attachment: www.arb.ca.gov/lists/com-attach/62-consumerproducts2021-WzNTOIQ7WW9XKFQj.pdf

Original File Name: Honeywell Comments15day notice Sept 2021 final.pdf

Date and Time Comment Was Submitted: 2021-09-01 09:01:56

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September 3, 2021

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<https://www.arb.ca.gov/lispub/comm/bclist.php>

Submitted via the web portal

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

Dear Mr. Ramalingam,

Honeywell International Inc. (Honeywell) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Honeywell is a global leader in providing technologies and innovations that can help the world solve its environmental and energy challenges. Our Fluorine Products business is a recognized leading innovator in the development of environmentally preferable fluorocarbons for use as aerosol propellants, solvents, refrigerants, foam blowing agents, and other uses. Since the 1990s, we have helped businesses replace ozone-depleting substances in these applications with alternatives that have less impact on the stratospheric ozone layer and climate change.

Honeywell supports CARB's efforts to adopt sensible regulations to achieve additional volatile organic compound (VOC) emission reductions for the state. Honeywell offers comments on just one section of the proposed 15-day changes.

Section 94511 Innovative Products

Honeywell supports the proposed Innovative Products Exemption (IPE) concept to allow the use of Liquefied Propellants and the use of an Ozone Forming Potential (OFP) metric to regulate the following aerosol products: Hair Finishing Spray, Dry Shampoo and Personal Fragrance. Allowing manufacturers to use a Liquefied Propellant to demonstrate compliance will allow more flexibility in their reformulation of the products to meet the stringent VOC limits. The use of (OFP), which will use the MIR scale for compounds, also allows much needed additional flexibility to the manufacturers. This provision of the IPE provides manufacturers with a workable compliance option while allowing CARB to monitor and ensure that the needed VOC

emissions reductions are achieved. The proposal supports industry innovation without sacrificing environmental policy objectives.

Honeywell believes this concept should be expanded in the future to allow all other product categories to utilize this provision, encouraging further use of OFP as an alternative to the VOC limit. The use of MIR is sound science and should be allowed for more product categories. This new approach could also reduce greenhouse gas emissions as well as other conventional pollutant emissions.

Summary

In closing, Honeywell supports the proposed Innovative Product Exemption Amendments and encourages staff to expand this concept to other categories. Honeywell commends the staff for their work in this area and their willingness to engage stakeholders to develop a sensible regulation that achieves critical environmental objectives.

Thank you for your consideration to these comments.

Respectfully submitted,

DocuSigned by:

BD73C6D9E17C4A3...
Laura Reinhard, Vice President & General Manager
Foam & Industrial Products
Honeywell

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov



Comment Log Display

Below is the comment you selected to display.
Comment 3 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: djraymond@me.com
Affiliation: Consultant on Behalf of Church & Dwight

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons

Comment:

Church and Dwight Co., Inc. (C & D), a leading Consumer Packaged Goods Company, appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/63-consumerproducts2021-AWJdOgR3U2IGX1Q9.pdf

Original File Name: CARB IPE_C&D_03082021.pdf

Date and Time Comment Was Submitted: 2021-09-01 13:35:36

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CHURCH & DWIGHT CO., INC.

Corporate Headquarters:
Princeton South Corporate Center
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Ewing, New Jersey 08628
Main Phone: (609) 806-1200

September 3, 2021

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California Air Resources Board
1001 I Street
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<https://www.arb.ca.gov/lispub/comm/bclist.php>

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

Church and Dwight Co., Inc. (C & D), a leading Consumer Packaged Goods Company, appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

C & D has worked with the CARB staff on this rulemaking since the beginning in 2020. C & D participated in all workshops and provide staff with valuable information on this rule. C & D commends the staff on their willingness to engage with the industry and make themselves available for meeting in person or virtually during these trying times.

C & D is only commenting on one portion of the 15-Day changes.

Section 94511 Innovative Products

C & D supports the changes to this section. C & D supports the inclusion of the Liquefied Propellant Product. The addition of the Innovative Products section using Liquefied Propellant Product is a unique and forward-thinking approach to allow manufacturers to comply with CARB's new stringent VOC limits for aerosol products Hair Finishing Spray, Dry Shampoo and Personal Fragrance Product. Allowing the use of Liquefied Propellant provides greater flexibility to the manufacturers while complying with the new stringent VOC limits. This approach will allow manufacturers to limit their dependency on ingredients that contribute to Greenhouse Gases (GHG) and allows for the use of ozone forming potential (OFP) to be employed to maintain reductions in ozone formation. Using (OFP) to regulate the reduction of ozone formation is the best science.

This new Innovative approach to regulation will provide much needed flexibility to formulate products that are efficient and effective products for the public to use, while maintaining much needed emission reduction for the state. This is truly a win for the manufacturers, a win for the public and a win for the state.

The staff should be commended for their work on this rule. Again C & D supports the changes for the Innovative product exemption.



Thank you for your consideration for these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440-339-4539.

Respectfully submitted,



Jeffrey Shaul
Director, Global Regulatory Affairs
Church & Dwight Co., Inc.

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov





Comment Log Display

Below is the comment you selected to display.
Comment 4 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: djraymond@me.com
Affiliation:

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Con
Comment:

WD-40 Company appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/64-consumerproducts2021-VWRQY1MNVmFQNwJ7.pdf

Original File Name: 15 day comment period (003).pdf

Date and Time Comment Was Submitted: 2021-09-03 07:19:41

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Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

WD-40 Company appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

The WD-40 Company is a California company that markets Consumer Products. WD-40 Company has worked extensively with CARB to improve the Air Quality of the State of California. CARB has been a leader in directing the Consumer Product Industry to innovate their products to reduce VOC emissions. WD-40 Company and CARB have a shared interest to clean the air for California.

Our comments today are solely on the Innovative Product Exemption (IPE)

Section 94511 Innovative Products

WD-40 has long supported the concept of Reactivity or Ozone Forming Potential (OFP) through the use of Maximum Incremental Reactivity (MIR) which this provision uses. WD-40 strongly supports the inclusion of the Liquefied Propellant Product into this provision. Adding Liquefied Propellant products to the Innovative Product Exemption (IPE), provides flexibility to the manufacturers of Hairspray, Dry Shampoo and Personal Fragrance to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG's). Even though WD-40 does not produce any of these product categories, WD-40 supports the use of MIR as a tool to regulate ozone.

WD-40 suggests that the staff expand this provision to other product categories. The use of this provision could reduce the need for GHG's or could be utilized to reduce toxic compounds.

Summary

WD-40 believes MIR is the best scientific method to regulate ozone. The Liquefied Propellant Product provides much needed flexibility to reformulate without the need to increase GHG's.



In addition, this provision allows the staff to ensure the much-needed emissions are maintained. WD-40 Company supports the IPE provision.

Thank you for your consideration to these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440-339-4539.

Respectfully,

Ernest Bernarducci

Ernest Bernarducci, PhD
Vice President, Global Research and Development

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov



Comment Log Display

Below is the comment you selected to display.
Comment 5 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: djraymond@me.com
Affiliation:

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

Stoner Incorporated appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/65-consumerproducts2021-VjVSNVwVWRRCAJw.pdf

Original File Name: CARB Response 090321.pdf

Date and Time Comment Was Submitted: 2021-09-03 07:25:37

If you have any questions or comments please contact [Clerk of the Board](#) at (916) 322-5594.

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September 3, 2021

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Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

Stoner Incorporated appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Stoner Incorporated is a manufacturer of Consumer Products and has a long history working with CARB staff. Stoner is requesting that the California Air Resources Board (CARB) provide a Reactivity compliance Option for the Consumer Products in the current rule development.

Our comments today are solely on the Innovative Product Exemption (IPE)

Section 94511 Innovative Products

Stoner Inc. supports this section and the addition of the Liquefied Propellant Product. Stoner believes the use of Maximum Incremental Reactivity (MIR) is the best scientific method to regulate ozone. Adding Liquefied Propellant products to the Innovative Product Exemption (IPE) provides flexibility to the manufacturers of Hairspray, Dry Shampoo, and Personal Fragrance to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG's). Stoner Inc. does not produce these personal care products, but believes this provision is a good step forward for the use of Ozone Forming Potential (OFP).

Stoner Inc. strongly urges the staff to expand this provision to include other product categories in the future. The CARB VOC limits are the most stringent in the world. This provision could add flexibility to manufacturers of the product categories to produce more effective products. The use of this provision could also reduce the need for GHG's or could be utilized to reduce toxic compounds.

Summary

Stoner supports the use of MIR and OFP in regulating ozone. Stoner urges staff to expand this provision in the future to include other product categories. This provision is a win for the manufacturers and a win for the state.



Thank you for your consideration of these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440-339-4539.

Sincerely,

A handwritten signature in black ink that reads "Robert W. Sweger". The signature is written in a cursive style with a large, prominent "R" and "S".

Robert W. Sweger, Ph.D.
R&D Director
Stoner Incorporated

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov



Comment Log Display

Below is the comment you selected to display.
Comment 6 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Nicholas
Last Name: Georges
Email Address: ngeorges@thehcpa.org
Affiliation: Household & Commercial Products Assoc.

Subject: HCPA Comments on Proposed 15-Day Changes Consumer Products Reg (consumerproducts2021)
Comment:

The Household & Commercial Products Association (HCPA) appreciates the opportunity to provide comments on the California Air Resources Board 15-Day Change Notice of proposed changes to the amendments adopted in March 2021 to the Consumer Products Regulation.

Attachment: www.arb.ca.gov/lists/com-attach/66-consumerproducts2021-UztTNgR1AjAEXVlx.pdf

Original File Name: HCPA Comments on CARB 15 Day Change_Consumer Products 2021.pdf

Date and Time Comment Was Submitted: 2021-09-03 07:43:27

If you have any questions or comments please contact [Clerk of the Board](#) at (916) 322-5594.

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September 3, 2021

sent *via* electronic mail

Joe Calavita
Manager, Implementation Section
California Air Resources Board
1001 I Street
Sacramento, California 95814
<https://www.arb.ca.gov/lispub/comm/bclist.php>

Subject: Comments on Notice of Public Availability of Modified Text and Availability of Additional Documents and Information to the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310

The Household & Commercial Products Association¹ (HCPA) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day Notice² of Public Availability of Modified Text and Availability of Additional Documents and Information³ to the proposed amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan; the Tables of Maximum Incremental Reactivity Values; and Test Method 310.

HCPA commends the CARB staff's efforts to ensure that all interested parties had an opportunity to participate in an open and transparent public effort to develop the current amendments to California's comprehensive set of regulations. HCPA's comments today relate solely to the modified text of the regulations which are part of the 15-day change.

HCPA is in general support of all the modifications proposed in this 15-Day Notice. In the following sections, HCPA provides the following comments on individual modifications.

¹ The Household & Commercial Products Association (HCPA) is the premier trade association representing companies that manufacture and sell \$180 billion annually of trusted and familiar products used for cleaning, protecting, maintaining, and disinfecting homes and commercial environments. HCPA member companies employ 200,000 people in the U.S. whose work helps consumers and workers to create cleaner, healthier and more productive lives.

² Available at <https://ww3.arb.ca.gov/board/15day/consumerproducts2021/15daynotice.pdf>

³ Available at <https://ww3.arb.ca.gov/board/15day/consumerproducts2021/15dayatta.pdf>

I. Modifications to section 94510, Exemptions

These modifications are in direct response to HCPA comments filed on March 12, 2021⁴ that requested both changes.

HCPA supports the proposed update to section 94510(c)(1), eliminating any potential uncertainty about compliance with applicable volatile organic compound (VOC) standards for any “General Purpose Cleaner” (nonaerosol) and “General Purpose Degreaser” (nonaerosol) products manufactured before January 1, 2023.

HCPA also supports the proposed addition of a definition for “Monoterpene” and adding a table of “Specified Monoterpenes” to identify specific chemical names and their associated Chemical Abstracts Service (CAS) registry number. The proposed definition and the table with the inclusion of CAS numbers remove any potential ambiguity by ensuring that the exemption applies only to these specified monoterpenes.

HCPA member companies thank CARB staff for conducting meetings with industry stakeholders to discuss the definition and the inclusion of CAS numbers in the development of these additional modifications. HCPA also respectfully requests that upon publication of the final rule, CARB withdraw the compliance guidance document titled “Guidance Pertaining to the Two Percent Fragrance Exemption and Limonene”⁵ since the issues addressed in this document are incorporated in the final regulation.

II. Modifications to section 94511, Innovative Products

In HCPA’s March 12, 2021 comments, HCPA supported the intention to create a pathway through the Innovate Product Exemption (IPE) so that companies could voluntarily develop innovative aerosol products in the “Hair Finishing Spray,” “Dry Shampoo,” and “Personal Fragrance Product” categories that further reduced emissions and improved air quality. However, HCPA was concerned that the proposed amendment presented in the March 25 Hearing was not straightforward, understandable, and clear to all parties.

HCPA believes that the proposed modifications in this Notice to the IPE accomplishes the goal of providing clear and understandable flexibility for aerosol product manufacturers to develop innovative products that achieve real air quality and greenhouse gas (GHG) benefits.

While companies may not immediately transition away from their current reformulation efforts to comply with the new stringent VOC limits set forth in the proposed amendments for these three product categories, HCPA believes that many companies will explore future reformulation efforts that would allow them to develop unique and innovative products that reduce GHG emissions while achieving the same or better ozone-forming potential (OFP).

⁴ Available at <https://www.arb.ca.gov/lists/com-attach/3-consumerproducts2021-WzNRNFahUWMFXAhr.docx>

⁵ CARB, “Guidance Pertaining to the Two Percent Fragrance Exemption and Limonene for California’s Regulation for Reducing Emissions from Consumer Products,” (Apr. 19, 2016). See https://ww2.arb.ca.gov/sites/default/files/2020-04/Remediated_frag_exempt_guide.pdf

While HCPA member companies recognize that the proposed provision applies to three specific personal care product categories that were included in the proposed amendments, HCPA believes that this IPE provision should be available for future application to other product categories.

III. Modifications to section 94513, Reporting Requirements

HCPA members are neutral on the proposed modifications to the reporting requirements.

IV. Modifications to section 94542, Definitions

HCPA members support the proposed definition modifications. Having the definition of a “LVP” or “LVP Compound” reference the definition within section 94508(a) ensures that there will always be consistency for this term between the General Consumer Products Regulation and the Alternative Control Plan Regulation for Consumer Products and Aerosol Coatings Products. HCPA encourages CARB staff to include references for other definitions where appropriate to maintain consistency across regulations.

V. Modifications to Test Method 310

HCPA members are neutral on the proposed modifications to Test Method 310.

Conclusion and Summary

HCPA actively participated and worked cooperatively with CARB staff and other stakeholders in this very challenging rulemaking process. HCPA commends CARB staff’s concentrated efforts to ensure that all interested parties had an opportunity to participate in an open and transparent public effort to develop the proposed amendments, working through the significant logistical challenges posed by the COVID-19 pandemic. HCPA appreciates the opportunity to file comments on the modified text of the regulations which are part of the 15-day change.

Respectfully submitted,



Nicholas B. Georges
Vice President, Scientific & International Affairs

cc: Ravi Ramalingam, P.E., Branch Chief, Consumer Products and Air Quality Assessment Branch
Joe Calavita, Manager, Implementation Section, Consumer Products and Air Quality Assessment Branch
Jose Gomez, Manager, Technical Development Section, Consumer Products and Air Quality Assessment Branch
Josh Berghouse, Air Pollution Specialist, Implementation Section, Consumer Products and Air Quality Assessment Branch
HCPA Air Quality Council
Nicole Quiñonez, Madden Quiñonez Advocacy



Comment Log Display

Below is the comment you selected to display.
Comment 7 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: djraymond@me.com
Affiliation:

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

Diversified CPC appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/67-consumerproducts2021-Wz8BZFjVWUAWQFi.pdf

Original File Name: DCPC CARB Comments 15 day notice Sept 2021 09_03_21 Final.pdf

Date and Time Comment Was Submitted: 2021-09-03 07:36:49

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Pure Innovation with **YOU** in mind.

William N. Auriemma
President & Chief Executive Officer
wna@diversifiedcpc.com

September 3, 2021

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Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

Diversified CPC appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Diversified CPC is a manufacturer/distributor of premium propellant systems to the Aerosol Industry. Diversified has worked with the California Air Resources Board (CARB) for 31 years on the regulation of Consumer Products. CARB has been a leader in the field of Consumer Product VOC regulation.

Our comments today are solely on the Innovative Product Exemption (IPE)

Section 94511 Innovative Products

Diversified supports the addition of Liquefied Propellant Product into the IPE. Using Ozone Forming Potential (OFP) is the most scientific method to regulate ozone. Adding Liquefied Propellant products to the Innovative Product Exemption (IPE), provides flexibility to the manufacturers of Hairspray, Dry Shampoo and Personal Fragrance to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG's).

Diversified also urges the staff to expand this provision in the future to other product categories. This flexibility will assist other product categories in reformulating to provide more effective and efficient products to the public. Other product categories could benefit from this provision to reduce GHG but also to possibly reduce the use of toxics as well.

This provision is a win for the manufacturer, the State and thus a win/win.

Summary

Diversified commends the staff for their availability to meet with the industry. In addition, the staff has developed an Innovative approach to deal with the GHG issue. Diversified strongly supports the IPE provision.

Thank you for your consideration to these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440-339-4539.

Sincerely,



Bill Auriemma
President & CEO

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov

Comment Log Display

Below is the comment you selected to display.
Comment 8 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Thomas
Last Name: Myers
Email Address: myerst@personalcarecouncil.org
Affiliation: Personal Care Products Council

Subject: PCPC Comments to Proposed 15-Day Changes

Comment:

Attached are the comments of the Personal Care Products Council (PCPC), the leading national trade association for the cosmetic and personal care industry, on CARB's proposed 15-day changes to the Consumer Product Regulations.

Please let me know if you have any questions or would like additional information.

Thank you,

Thomas Myers
General Counsel
PCPC

Attachment: www.arb.ca.gov/lists/com-attach/68-consumerproducts2021-UyMBZFcUWEGXwJh.pdf

Original File Name: PCPC Comments to CARB 15 Day Changes - Sept 3 2021.pdf

Date and Time Comment Was Submitted: 2021-09-03 08:14:15

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September 3, 2021

Via Electronic Mail

Joe Calavita
Manager, Consumer Products Implementation Division
California Air Resources Board
Sacramento, CA 95812-0806
joe.calavita@arb.ca.gov

Comments on California Air Resources Board's "15-Day Changes"

Dear Mr. Calavita:

The Personal Care Products Council (PCPC)¹ is pleased to submit the following comments in support of the California Air Resources Board's (CARB) "Proposed 15-Day Changes to the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310", dated August 19, 2021.

PCPC represents more than 600 member companies, ranging from large manufacturers and marketers to independent producers, which are involved in the manufacture and distribution of cosmetics, toiletries, fragrances, over-the-counter (OTC) drug products and ingredients in California and throughout the United States. PCPC members therefore have a strong interest in the scope and applicability of this regulation.

PCPC appreciates that CARB's staff has made significant time available to PCPC and its member companies, and other stakeholders, in developing these proposed changes. This dialogue has been helpful to our member companies in assessing the overall impact of the regulatory proposals on our products and allows the industry to work toward optimum solutions which meet the goals of CARB, the State of California, and the companies which provide personal care products.

¹Based in Washington, D.C., the Council is the leading national trade association representing the global cosmetic and personal care products industry. Founded in 1894, the Council's more than 600 member companies manufacture, distribute, and supply the vast majority of finished personal care products marketed in the United States. As the makers of a diverse range of products that millions of consumers rely on every day, from sunscreens, toothpaste, and shampoo to moisturizer, lipstick, and fragrance, member companies are global leaders committed to product safety, quality, and innovation.

Given our close work with CARB staff over the last two years, and the extensive verbal and written comments provided by PCPC during that time, our comments today pertain only to the modified text of the regulations that are part of the 15-day changes.

PCPC supports the modifications CARB has proposed in its 15-Day Notice. Our comments below are specific to the IPE proposal and intended solely to encourage additional clarity in the proposal.

INTRODUCTION

In its comments dated March 22, 2021, PCPC strongly supported the Innovative Product Exemption (IPE) Proposal for Aerosol Products Using Compressed Gas. The primary reason for modifying the previous IPE regulation was to encourage product formulators to significantly reduce the emission of hydrofluorocarbon (HFC) propellants, primarily HFC-152a, in aerosol products by using compressed gas technology.

This revision of the Innovative Product Exemption regulation was subsequently approved by the CARB Board at its meeting on March 25, 2021.

In subsequent discussions with CARB, it became clear that there are other technical methods to significantly reduce HFC 152a usage by means other than the use of compressed gases. The change currently proposed just extends the potential use of the approved IPE process to include additional technologies that provide similar greenhouse gas reduction benefits, primarily via the reduction in the use of HFC-152a, without increasing the propensity of the product to form ground level ozone.

PCPC'S POSITION ON PROPOSAL

PCPC strongly supports CARB's proposal to expand the IPE process beyond that of compressed gases to include other innovative formulation technologies that help CARB to meet both its ozone reduction and greenhouse gas reduction targets.

SPECIFIC COMMENTS

The following comments pertain to proposed changes to section 94511, which could impact stakeholders who market personal care products.

1. PCPC supports the proposed language on "Innovative Compressed Gas Propellant Product" in section 94511(c)(1) and on "Innovative Liquefied Propellant Product" in 94511(c)(2).
2. Section 94511(c)(3) provides the definition of a "Representative Product", which is compared to the proposed innovative product to show significant savings in greenhouse gas emissions without an impact on ozone forming potential.

- a. PCPC supports the use of the representative formulations presented in table 94511(c)(3) for many comparisons, as stated in section 94511(c)(3)(A).
- b. Section 94511(c)(3)(B) provides the criteria that could allow the use of a representative formulation with different product characteristics, and thus formulations, than those in the table 94511(c)(3). For example, many hair sprays are categorized as low to moderate hold (rather than high hold) and thus have significantly different product formulations than a high hold product, such as that in table 94511(c)(3). The CARB proposal does provide a route which allows each company to provide a “representative product” formulation which is different than that in table 94511(c)(3), as part of the overall petition to obtain an IPE for the innovative formulation. PCPC supports the ability to use an alternative representative product as stated in Section 94511(c)(3)(B).
 - i. PCPC continues to support the requirements stated in the following sections:
 1. Section 94511(c)(3)(B)(i): each representative product be in the same product category as the innovative product,
 2. Section 94511(c)(3)(B)(ii): each representative product should be available for purchase in the state of California at the time of the IPE application, and
 3. Section 94511(c)(3)(B)(v): each representative product has a “fragrance content that is representative of products in the California market in the applicable category at the time of the IPE application”
 - ii. CARB, PCPC, and member companies have extensively discussed the need for the requirements proposed in Sections 94511(c)(3)(B)(iii) and Section 94511(c)(3)(B)(iv). We appreciate the time and effort taken by CARB staff to understand and address our members’ concerns. With additional comments stated below, PCPC can now support the current proposals for these two sections, in order to immediately begin to see the greenhouse gas reduction benefits offered by this modification of the current IPE requirements.
 1. While members would have liked, in Section 94511(c)(3)(B)(iii), to have the PWMIR of the representative product to be no greater than ten (10.0) percent above the applicable product formulation in table 94511(c)(3), the 5% figure represents an agreeable compromise to use as the basis for future IPE applications.

2. While the term “GHG composition” in Section 94511(c)(3)(B)(iv) is understood by PCPC and its members, it remains important to define the term to avoid confusion in the future as to its meaning.
3. PCPC agrees that the efficacy of the innovative product should be similar to that of the agreed representative product. We support the language proposed in Section 94511(c)(4).

CONCLUSION

PCPC supports CARB’s efforts to reduce greenhouse gas emissions from aerosol consumer product via the IPE process, in part because it widens to ability of formulators to innovate in ways that regulations would not previously have allowed. PCPC appreciates that CARB’s focus for these IPE discussions has been to significantly reduce greenhouse gas emissions without increasing the propensity of the product to form ground level ozone. The use of Maximum Incremental Reactivity, or MIR, is fundamental to ensuring that there is no additional impact on ozone due the significant reduction in greenhouse gases.

PCPC will continue to work proactively with CARB and its staff on any regulatory activity which potentially impacts the personal product industry.

Sincerely,



Thomas F. Myers
EVP-Legal & General Counsel

Cc: Ravi Ramalingam, P.E., Branch Chief, Consumer Products and Air Quality Assessment Branch
Joe Calavita, Manager, Implementation Section, Consumer Products and Air Quality Assessment Branch
Jose Gomez, Manager, Technical Development Section, Consumer Products and Air Quality Assessment Branch
Josh Berghouse, Air Pollution Specialist, Implementation Section, Consumer Products and Air Quality Assessment Branch



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Below is the comment you selected to display.
Comment 9 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: djraymond@me.com
Affiliation:

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

PLZ Aeroscience Corporation (PLZ) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/69-consumerproducts2021-7kbfCgNVfSZsabCD.pdf

Original File Name: PLZ-15-day-notice-comment.pdf

Date and Time Comment Was Submitted: 2021-09-03 09:05:05

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PLZ Aerospace Corporation
2651 Warrenville Rd., Suite 300
Downers Grove, IL 60515
Phone: (630) 543-7600
www.plzaeroscience.com

September 3, 2021

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1001 I Street
Sacramento, California 95814
<https://www.arb.ca.gov/lispub/comm/bclist.php>

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

PLZ Aerospace Corporation (PLZ) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

PLZ is a manufacturer and marketer of consumer products with multiple manufacturing locations throughout the State of California. PLZ manufacturers products in every category under consideration in the current rulemaking.

Our comments today are solely on the Innovative Product Exemption (IPE)

Section 94511 Innovative Products

PLZ has worked with the staff on this provision. PLZ supports the addition of the Liquefied Propellant Product into the IPE. Adding Liquefied Propellant products to the Innovative Product Exemption (IPE), provides flexibility to the manufacturers of Hairspray, Dry Shampoo and Personal Fragrance to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG's). The use of Maximum Incremental Reactivity (MIR) is the most scientific method to regulate ozone. This provision is a good start on moving toward using Ozone Forming Potential (OFP) for regulating product categories.

PLZ urges the staff to make this provision available to other product categories in the future. The use of this provision benefits the manufacturer by providing flexibility in reformulation and benefits the state in maintaining emission reduction thus a win/win.

Summary

PLZ supports the IPE provision and commends the staff for their availability to meet on these important issues. PLZ looks forward to continuing to work with staff on future issues.



PLZ Aerospace Corporation
2651 Warrenville Rd., Suite 300
Downers Grove, IL 60515
Phone: (630) 543-7600
www.plzaeroscience.com

Thank you for your consideration to these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440-339-4539.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Davis". The signature is fluid and cursive, with a large initial "J" and "D".

John Davis
Senior Vice President, Technical Services
PLZ Aerospace Corporation

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov



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Below is the comment you selected to display.
Comment 10 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: drraymond@me.com
Affiliation: On Behalf of Aeropres

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

Aeropres Corporation appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/70-consumerproducts2021-5IW9I3PY7H1m1UaY.pdf

Original File Name: 20210903_AEROPRES.pdf

Date and Time Comment Was Submitted: 2021-09-03 09:21:43

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September 3, 2021

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Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

Aeropres Corporation appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Aeropres Corporation is a major supplier to the Consumer Products Industry and distributes many products helping formulators achieve current regulations. Aeropres has been in business since 1973 and has a facility in the South Coast Air Quality Management District. Aeropres has long been a supporter of the Concept of Reactivity. Aeropres was active in the development of the Aerosol Coating regulation that uses Reactivity.

Our comments today are solely on the Innovative Product Exemption (IPE)

Section 94511 Innovative Products

Aeropres strongly supports the addition of Liquefied Propellant Product into the IPE. Adding Liquefied Propellant products to the Innovative Product Exemption (IPE), provides flexibility to the manufacturers of Hairspray, Dry Shampoo and Personal Fragrance to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG's). Using Maximum Incremental Reactivity (MIR) is the most scientific method for ensuring valuable VOC emissions are maintained. Aeropres has long been a supporter of the use of Reactivity and supports the use of Ozone Forming Potential (OFP) used in this provision. This will provide the manufacturers of Hairspray, Dry Shampoo and Personal Fragrance an innovative pathway to reformulate their products to meet the stringent VOC limits.

However, Aeropres strongly urges the staff to expand this provision to other product categories to provide flexibility. Other product categories could benefit from this provision to reduce GHG but also to possibly reduce the use of toxics as well.

This provision is a win for the manufacturer, the State and for the public.

Summary

Aeropres commends the staff for their availability to meet with the industry. In addition, the staff has developed an Innovative approach to deal with the GHG issue. Aeropres strongly supports the IPE provision.

Thank you for your consideration to these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440-339-4539.

Sincerely,



Mark Rivers
Vice President of Technical Services
Aeropres Corporation

Cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov

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Below is the comment you selected to display.
Comment 11 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: drraymond@me.com
Affiliation: On Behalf of the NAA

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

The National Aerosol Association (NAA) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/71-consumerproducts2021-VTtRNlw8WVUCZwRr.pdf

Original File Name: NAA Comments 15-Day Notice Sept 2021.pdf

Date and Time Comment Was Submitted: 2021-09-03 09:49:28

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Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

The National Aerosol Association (NAA) appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

The NAA is an industry group devoted to serving the public's health, safety, and hygiene needs through the aerosol product form. The NAA represents marketers, manufacturers, fillers, and suppliers to the aerosol market.

Section 94510 Exemption

NAA supports the proposed update for the General-Purpose Cleaners & Degreasers non-aerosol, manufactured before January 1, 2023, containing fragrances.

Also, NAA supports the inclusion of the Monoterpenes table listing the specific chemicals and Chemical Abstract Service (CAS) numbers. This adds clarity to the regulation.

Section 94511 Innovative Products

NAA is in strong support of this section and the addition of the Liquefied Propellant Product. Adding Liquefied Propellant products to the Innovative Product Exemption (IPE) provides flexibility to the manufacturer to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG). Also, this section relies on the use of Maximum Incremental Reactivity (MIR), which also provides flexibility to the manufacturer. The use of MIR is the most accurate scientific method for ensuring that valuable VOC emissions are maintained.

This new Innovative approach to regulation benefits manufacturers by allowing much-needed flexibility to reformulate products. It benefits consumers because the flexibility afforded to manufactures allows them to design efficient and effective products for the public to use. It also benefits California because it guarantees the much-needed emission reduction for the state. This is truly a win for the manufacturers, a win for the public, and a win for the state.

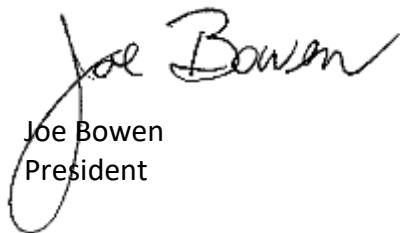
Summary

NAA commends the staff for their continued availability to discuss the IPE concept. This section will allow manufacturers an alternative to using GHG to reformulate. In addition, the exemption section clarifies the use of monoterpenes usage. Again, NAA supports these two sections of the 15-day notice.

Thank you for your consideration to these comments. Any questions or comments feel free to contact our Consultant Doug Raymond at djraymond@reg-resources.com or at 440.339.4539.

Sincerely,

National Aerosol Association

A handwritten signature in black ink that reads "Joe Bowen". The signature is written in a cursive style with a large, looping initial "J".

Joe Bowen
President

cc: Ravi.Ramalingam@arb.ca.gov
joe.calavita@arb.ca.gov
josh.berghouse@arb.ca.gov
jose.gomez@arb.ca.gov



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Comment 12 for Amendments to Consumer Products Regulations (consumerproducts2021) - 15-1.

First Name: Doug
Last Name: Raymond
Email Address: djraymond@me.com
Affiliation: Raymond Regulatory Resources (3R), LLC

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Cons
Comment:

Raymond Regulatory Resources (3R), LLC appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

Attachment: www.arb.ca.gov/lists/com-attach/72-consumerproducts2021-VmUAdARaVmYCZQJw.pdf

Original File Name: 3R CARB 15-day notice comment.pdf

Date and Time Comment Was Submitted: 2021-09-03 10:07:50

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Raymond Regulatory Resources (3R), LLC

Doug Raymond 13808 Duncan Run Rd. Galena, Ohio 43021
djraymond@reg-resources.com 440-339-4539

September 3, 2021

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Sacramento, California 95814
<https://www.arb.ca.gov/lispub/comm/bclist.php>

Subject: Comments on the Proposed Amendments to the Antiperspirants and Deodorants Regulation; Consumer Products Regulation; Aerosol Coating Products Regulation; Alternative Control Plan Regulation; the Tables of Maximum Incremental Reactivity Values; and Test Method 310 August 19, 2021

Raymond Regulatory Resources (3R), LLC appreciates the opportunity to provide comments on the California Air Resources Board's (CARB) 15-Day notice of proposed changes to the Amendments adopted in March 2021 to the Consumer Products regulations.

3R is a consulting firm for numerous consumer product manufacturers and suppliers as well as the consultant for the National Aerosol Association (NAA). 3R has been involved with this rule making since its inception in 2019. We have the following comments.

Section 94510 Exemption

3R supports the proposed update for the General-Purpose Cleaners & Degreasers non-aerosol, manufactured before January 1, 2023, containing fragrances.

Also, 3R supports the inclusion of the Monoterpenes table listing the specific chemicals and Chemical Abstract Service (CAS) numbers. This adds clarity to the regulation.

Section 94511 Innovative Products

3R is in strong support of this section and the addition of the Liquefied Propellant Product. 3R has long been a proponent of the Concept of Reactivity which the IPE utilizes for the Liquefied Propellant Product section. The use of the IPE for controlling Ozone Potential Formation allows CARB to closely monitor this new innovative process.

Adding this provision allows manufacturers to reformulate their products without the need to add significant amounts of Greenhouse Gases (GHG's). This provision also adds flexibility to the manufacturer in the reformulation process.

Staff should be commended for their forward-thinking approach to the GHG issue. In addition, this provision will provide manufacturers much needed flexibility to reformulate products to maintain efficient and effective products for the public to use, while maintaining much needed emission reduction for the state. This is truly a win for the manufacturers, a win for the public and a win for the state. Thus, a win, win, win.

Modifications to Test Method 310

4 Calculation of VOC content

3R supports the language added on ammonia. This language clarifies the role of ammonia in the calculation.

Summary

3R Supports the changes to section 94510, 94511 and Method 310. Staff has always been available for discussions on the rule development. 3R appreciates this availability and commends the staff on continuing to work to make this a better regulation.

Thank you for your consideration to these comments. Any questions or comments please feel free to contact me at djraymond@me.com or at 440-339-4539.

Sincerely,



Douglas Raymond
President

CC. Ravi Ramalingam @CARB
Josh Berghouse @CARB
Jose Gomez @CARB
Joe Calavita @CARB