Product Regulatory Overview (PRO)
Chemical Control – Chem Compliance

Company
Chevron Phillips Chemical (CPChem)[1]

Products & Link to SDS & Spec Sheet

AlphaPlus® 1-Dodecene[1]	CAS RN® 112-41-4
AlphaPlus® 1-Tetradecene[1]	CAS RN® 1120-36-1
AlphaPlus® 1-Hexadecene[1]	CAS RN® 629-73-2
AlphaPlus® 1-Octadecene[1]	CAS RN® 112-88-9
AlphaPlus® C12-14 Blend[1]	
AlphaPlus® C14-16 Blend[1]	
AlphaPlus® C16-18 Blend[1]	
AlphaPlus® C14-16-18 Blend[1]	

Blend product links: AlphaPlus® C14-16 50:50, AlphaPlus® C14-16 65:35

Chemical Inventories

AUSTRALIA: Australian Inventory of Industrial Chemicals (AIIC): On or in compliance with the inventory.
CANADA: Domestic Substances List (DSL): On or in compliance with the inventory.
PEOPLE'S REPUBLIC OF CHINA: Inventory of Existing Chemical Substances (IECSC): On or in compliance with the inventory.
EUROPEAN UNION: These products are in full compliance according to REACH regulation 1907/2006/EC. Registration number(s) shown on the EU SDS are specific for CPChem entities
SWITZERLAND: On or in compliance with the inventory
JAPAN: Existing & New Chemical Substances (ENCS) Inventory: On or in compliance with the inventory.
KOREA: 1-Octadecene was pre-registered by CPChem through an Only Representative according to K-REACH regulations. Importation of this product is permitted if the Korean Importer of Record was included on CPChem's notifications or if the Importer of Record themselves. 1-Dodecene, 1-Tetradecene; 1-Hexadecene and blends are not currently registered per K-REACH.
PHILIPPINES: Philippine Inventory of Chemicals and Chemical Substances (PICCS): On or in compliance with the inventory.
NEW ZEALAND: Inventory of Chemical Substances (NZIoC): Does not have an individual approval but may be used under an appropriate group standard
TAIWAN: Taiwan Chemical Substance Inventory (TCSI) On or in compliance with the inventory. Further registrations may apply.
TURKEY: These products have been pre-registered according to KKDIK (Turkey-REACH).
UNITED KINGDOM: Not currently registered
UNITED STATES: On or in compliance with the active portion of the Toxic Substances Control Act (TSCA) Chemical Inventory

Also refer to respective CPChem SDS for Korea chemical inventory statement.

[1] Note: 1-dodecene, 1-tetradecene, 1-hexadecene, and 1-octadecene as sold and/or produced by Chevron Phillips Chemical Company LP and/or its affiliate(s).

Origin/Process

These products are from synthetic origin derived from natural gas or petroleum (fossil origin). Ethylene oligomerization:
https://www.cpchem.com/what-we-do/solutions/normal-alpha-olefins/technology

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

These products, as shipped, do not contain any carcinogens or reproductive toxins presently known by the State of California to cause cancer or reproductive toxicity at a level of exposure subject to the requirements of California Proposition 65.

Consumer Product Safety Improvement Act of 2008 (H.R. 4040)

These products do not contain lead and phthalates. They therefore comply with the relevant sections of the Consumer Product Safety Improvement Act of 2008 (H.R. 4040).

Clean Air

These products do not contain any of the following substances regulated by the Clean Air Act:

- Class I or Class II Ozone-Depleting Substances (CAA Section 602)

This product does not contain any ozone depleting substances including those listed in Regulation (EC) No 1005/2009.

Heavy metals, RoHS, WEEE, Waste packaging, CONEG

No heavy metals (i.e., antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium, or silver) are purposely added respectively to these products in quantities that would violate governmental guidelines. The summation of lead, cadmium, mercury, and hexavalent chromium in these products are less than 20 ppm. No polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), deca brominated diphenyl ethers (Deca BDE), or phthalates are intentionally added to these products. These products therefore meet the relevant requirements of the following Directives or Regulations:

- Directive (EU) 2017/2102, 2015/863, 2011/65/EU and 2002/95/EC (RoHS)
- 2002/96/EC and 2012/19/EU (WEEE)
- 2000/53/EC (ELV)
- 94/62/EC, 2005/20/EC, and 2013/2/EU (Packaging Waste Directive)
- USA CONEG Regulation
- California Toxics in Packaging Prevention Act

Phthalates

No phthalates, including di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DNOP), diisobutyl phthalate (DIBP), dimethyl phthalate (DMP), and diethyl phthalate (DEP) are intentionally added to these products. These products therefore meet the requirements of the Consumer Product Safety Improvement Act of 2008 and EU Directive 2005/84/EC.

European Chemicals Agency (ECHA) Substances of Concern

These products do not contain in a concentration above 0.1% w/w Substances of Very High Concern (SVHC) as listed on the candidate list published by ECHA as of 4 February 2026. These products do not contain substances subject to authorization under REACH Annex XIV (Authorization List). These products do not contain substances with applicable restrictions under REACH Annex XVII (Restricted Substances List)

UK REACH (HSE) Substances of Concern

These products do not contain in a concentration above 0.1% w/w Substances of Very High Concern (SVHC) as listed on the candidate list published by UK's Health and Safety Executive (HSE) as of this date *UK REACH Candidate List of substances of very high concern (SVHCs) for authorisation*. These products, as shipped, do not contain substances with applicable restrictions under the UK HSE REACH (Annex 14 *authorisation-list-annex-xiv.xlsx*) or (Annex 17 *restriction list*).

Synthetic polymer microparticles (microplastics)

CPChem can state these products do not contain microparticles per Entry 78 of Annex XVII regarding (EU) 2023/2055 and (EC) No. 1907/2006.

Canadian Environmental Protection Act (CEPA) "Challenge" Substances

These products, as shipped, do not intentionally contain high priority chemical substances listed on the "Challenge" Substance Batches as issued by CEPA.

Nanomaterial

These products are not a nanomaterial and do not contain any intentionally added functional nanoparticles.

Conflict Minerals

Neither tantalum, tin, gold, and tungsten, nor the minerals associated with these metals (Columbite-Tantalite, Cassiterite, Gold, or Wolframite) are intentionally added to this product. These substances are not necessary to the production of these products.

PFAS

These products are not formulated with the use of a PFAS (as defined[2] by the OECD in 2021). However, trace amounts of PFAS may be present in the product incidentally due to other factors such as PFAS presence in the ambient external environment or in the supply chain. Chevron Phillips Chemical does not analyze for PFAS in its products and, therefore, cannot guarantee the absence of PFAS in its products.

The customer is responsible for determining whether its product meets regulatory requirements regarding PFAS content. Chevron Phillips Chemical does not have control over the final product manufactured by the customer.

[2] OECD (2021), Reconciling Terminology of the Universe of Per- and Polyfluoroalkyl Substances: Recommendations and Practical Guidance, OECD Series on Risk Management, RN 61, OECD Publishing, Paris.

Regulatory or Industry Lists:

To the best of our knowledge, these products as shipped meet the following requirements as being within stipulated limits as listed as of this date:

- Stockholm Convention Persistent Organic Pollutants (POPs): Directive 850/2004/EC, EU 2016/293, EU 2019/1021, EU 2021/115, 2020/784, 2021/277, EU 2023/1608 (PFHxS) and EU 2025/1930 Bis(hexachlorocyclopentadieno)cyclooctane, (CAS RN® 13560-89-9; a.k.a. Dechlorane Plus™ flame retardant) substances not used.
  - Listing of POPs in the Stockholm Convention
  - List of substances subject to POPs Regulation - ECHA (europa.eu)
- Rotterdam Convention Prior Informed Consent (PIC) substances Annex III substances not used: http://www.pic.int/TheConvention/Chemicals/AnnexIIIChemicals/tabid/1132/language/en-US/Default.aspx
- Substances defined as Persistent, Bioaccumulating, Toxic (PBT) or very Persistent very Bioaccumulating (vPvB) per EU not used.
- Persistent, Bioaccumulative, and Toxic (PBT) substances as restricted under US Code of Federal Regulations title 40, part 751, subpart E– "Regulation of Certain Chemical Substances and mixtures under section 6 of The Toxic Substances Control Act" (TSCA): substances not intentionally used: Decabromodiphenyl ether (DecaBDE); Phenol, isopropylated phosphate (3:1) (PIP (3:1)); 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP); Hexachlorobutadiene (HCBD); and Pentachlorothiophenol (PCTP)
- US Lacey Act, EU Timber Regulation 995/2010; FLEGT or CITES licenses: These products do not utilize timber or timber products.
- Substances in the Japan Class I Specified Chemical list not used.
  - J-CHECK(English) (nite.go.jp)

Substances and Chemicals

None of the following substances are intentionally used as additives or raw materials in the manufacture of these products.

- Acrylamide
- Aflatoxin and Mycotoxin; or derivates of these substances
- Alkylphenols
- Alkylphenol Ethoxylates, including nonylphenol ethoxylate and octylphenol ethoxylate
- Allergens, including but not limited to those listed in EU Regulation 1169/2011, Directives 2000/13/EC, 2003/89/EC, and Section B.01.010.1 (1) of Canadian Regulation C.R.C., c. 870 such as: peanuts, tree nuts, milk, eggs, wheat gluten, soybeans, fish and shellfish
- Antibiotics (e.g. Beta lactam or antibiotics other than beta lactam)
- Aromatic amines
- Asbestos
- Azo compounds
- Biocides
- Bisphenol compounds, including but not limited to: BPA, BPB, BPC, BPE, BPF, BPS, and BPZ

- Brominated or halogenated flame retardants
- Butylated Hydroxytoluene (BHT) and Butylated Hydroxyanisole (BHA)
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC)
- Chlorinated paraffins
- Cobalt (CAS RN® 7440-48-4)
- Colorants or pigments
- Cyanuric acid
- Di(ethylhexyl) adipate (DEHA), diethyl hydroxyl amine (DEHA), or di(ethylhexyl)maleate (DEHM)
- Dimethylfumarate (DMF)
- Dioxins or furans
- Endocrine disruptors
- Epoxy derivatives listed in EU Directives 2002/16/EC and 1895/2005
- Epoxidized Soybean Oil
- Extended Minerals: cobalt, mica, graphite, lithium, copper
- Formaldehyde
- Fungicides, preservatives or fumigants
- Genetically-modified organisms (GMO)
- Halogens
- Human materials, derivatives of human materials, blood, blood plasma, or blood products
- Melamine
- Methyl bromide
- Mica, natural (CAS RN® 12001-26-2)
- Mineral Oil Saturated Hydrocarbons (MOSH) or Mineral Oil Aromatic Hydrocarbons (MOAH)
- Natural rubber latex, dry natural rubber, or synthetic latex
- Nitrites, Nitrates, Nitrosamines, Nitrosamines impurities: N-nitrosodimethylamine (NDMA), N-Nitrosodiethylamine (NDEA), N-diisopropylnitrosoamine (NDIPA), N-ethyl-N-isopropylnitrosoamine (NEIPA); or nitrosating reagent $NaNO_2$.
- Nonyl phenol
- Organotin compounds
- Ozone-depleting chemicals
- Perfluoroctanoic acid (PFOA) or perfluoroctane sulfonate (PFOS)
- Pesticides and fungicides
- Photoinitiators, including: benzophenone, hydroxybenzophenone, and 4-methylbenzophenone, and Isopropylthioxanthone (ITX)
- Plasticizers
- Polyaromatic Hydrocarbons (PAHs)
- Polybrominated Diphenyl Ethers (PBDEs) included: decaBDE, octaBDE, and pentaBDE
- Polycarbonates
- Polychlorinated and Polybrominated Biphenyls (PCBs and PBBs)
- Polychlorinated and Polybrominated Terphenyls (PCTs and PBTs)
- Radioactive Substances
- Recycled materials
- Silicone

- Sulfonamides
- Triclosan (2,4,4'-trichloro-2'-hydroxydiphenylether)
- Tris-Nonylphenol Phosphite
- Vinyl Chloride Monomer (VCM) and Polyvinyl Chloride (PVC) or copolymers

It is the responsibility of the customer to check compliance of the final articles with the relevant legislative and applicable regulatory requirements including their restrictions.

Disclaimer: *Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP and its affiliates do not make, and expressly disclaim, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user. Any reference to registered trademarks for CPChem (or joint venture) products generally refers to U.S. trademark registration of the same only, and trademark registrations in other jurisdictions may vary and should be confirmed by the user contacting its CPChem entity (or joint venture) representative.*

Additional information on the health and safety aspects of our product is listed in the SDS of the product.

Address: Chevron Phillips Chemical Company LP, 9500 Lakeside Blvd., The Woodlands, TX 77381
Website: http://www.cpchem.com/en-us/ehs/pages/productregulatoryoverviews.aspx