

ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OPPT-2016-0082; FRL-9952-62]

Certain New Chemicals; Receipt and Status Information for June 2016

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: EPA is required under the Toxic Substances Control Act (TSCA) to publish in the **Federal Register** a notice of receipt of a Premanufacture notice (PMN); an application for a test marketing exemption (TME), both pending and/or expired; and a periodic status report on any new chemicals under EPA review and the receipt of notices of commencement (NOC) to manufacture those chemicals. This document covers the period from June 22, 2016 to June 30, 2016.

DATES: Comments identified by the specific case number provided in this document, must be received on or before November 28, 2016.

ADDRESSES: Submit your comments, identified by docket identification (ID) number EPA-HQ-OPPT-2016-0025, and the specific PMN number or TME number for the chemical related to your comment, by one of the following methods:

- **Federal eRulemaking Portal:** <http://www.regulations.gov>. Follow the online instructions for submitting comments. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute.

- **Mail:** Document Control Office (7407M), Office of Pollution Prevention and Toxics (OPPT), Environmental Protection Agency, 1200 Pennsylvania Ave. NW., Washington, DC 20460-0001.

- **Hand Delivery:** To make special arrangements for hand delivery or delivery of boxed information, please follow the instructions at <http://www.epa.gov/dockets/contacts.html>.

Additional instructions on commenting or visiting the docket, along with more information about dockets generally, is available at <http://www.epa.gov/dockets>.

FOR FURTHER INFORMATION CONTACT: For technical information contact: Jim Rahai, IMD 7407M, Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave. NW., Washington, DC 20460-0001; telephone number: (202) 564-8593; email address: rahai.jim@epa.gov.

For general information contact: The TSCA-Hotline, ABVI-Goodwill, 422

South Clinton Ave., Rochester, NY 14620; telephone number: (202) 554-1404; email address: TSCA-Hotline@epa.gov.

SUPPLEMENTARY INFORMATION:

I. General Information

A. Does this action apply to me?

This action is directed to the public in general. As such, the Agency has not attempted to describe the specific entities that this action may apply to. Although others may be affected, this action applies directly to the submitters of the actions addressed in this document.

B. What should I consider as I prepare my comments for EPA?

1. **Submitting CBI.** Do not submit this information to EPA through [regulations.gov](http://www.regulations.gov) or email. Clearly mark the part or all of the information that you claim to be CBI. For CBI information in a disk or CD-ROM that you mail to EPA, mark the outside of the disk or CD-ROM as CBI and then identify electronically within the disk or CD-ROM the specific information that is claimed as CBI. In addition to one complete version of the comment that includes information claimed as CBI, a copy of the comment that does not contain the information claimed as CBI must be submitted for inclusion in the public docket. Information so marked will not be disclosed except in accordance with procedures set forth in 40 CFR part 2.

2. **Tips for preparing your comments.** When preparing and submitting your comments, see the commenting tips at <http://www.epa.gov/dockets/comments.html>.

II. What action is the agency taking?

This document provides receipt and status reports, which cover the period from June 22, 2016 to June 30, 2016, and consists of the PMNs and TMEs both pending and/or expired, and the NOCs to manufacture a new chemical that the Agency has received under TSCA section 5 during this time period.

President Obama signed new TSCA legislation on June 22, 2016. TSCA subsection 5(a) notices, which were submitted prior to signature of the law, but were still within the review period on June 22 (*i.e.*, typically the 90-day review period), will have determinations made in accordance with the new law. EPA views all section 5(a) notices that were within the notice period, as of June 22, 2016, as having been refiled on that date, thereby restarting the 90-day review clock on June 22, 2016. This follows from the

manner in which the TSCA legislation defines the “applicable review period,” a statutory phrase that did not exist before the amendments to TSCA. New TSCA section 5(i)(3) states that the applicable review period “means the period starting on the date the Administrator receives a notice under subsection (a)(1).” EPA interprets this cross-reference as a reference to TSCA subsection (a)(1), *as amended*. Thus, in the case of a notice submitted prior to the date of enactment, the earliest possible date on which that notice could be viewed as submitted “under subsection (a)(1),” is June 22, 2016, the first date on which that subsection was in legal effect.

III. What is the agency’s authority for taking this action?

Under TSCA, 15 U.S.C. 2601 *et seq.*, EPA classifies a chemical substance as either an “existing” chemical or a “new” chemical. Any chemical substance that is not on EPA’s TSCA Inventory is classified as a “new chemical,” while those that are on the TSCA Inventory are classified as an “existing chemical.” For more information about the TSCA Inventory go to: <http://www.epa.gov/opptintr/newchems/pubs/inventory.htm>.

Anyone who plans to manufacture or import a new chemical substance for a non-exempt commercial purpose is required by TSCA section 5 to provide EPA with a notice before initiating the activity. TSCA furthermore prohibits such manufacturing or processing from commencing until EPA has conducted a review of the notice, made an appropriate determination on the notice, and taken such actions as are required in association with that determination (15 U.S.C. 2604(a)(1)(B)(ii)). Section 5(h)(1) of TSCA authorizes EPA to allow persons, upon application, to manufacture (includes import) or process a new chemical substance, or a chemical substance subject to a significant new use rule (SNUR) issued under TSCA section 5(a), for “test marketing” purposes, which is referred to as a test marketing exemption, or TME. For more information about the requirements applicable to a new chemical go to: <http://www.epa.gov/oppt/newchems>.

Under TSCA sections 5(d)(2) and 5(d)(3), EPA is required to publish in the **Federal Register** a notice of receipt of a PMN or an application for a TME and to publish in the **Federal Register** periodic reports on the status of new chemicals under review and the receipt of NOCs to manufacture those chemicals.

IV. Receipt and Status Reports

As used in each of the tables in this unit, (S) indicates that the information in the table is the specific information provided by the submitter, and (G) indicates that the information in the table is generic information because the

specific information provided by the submitter was claimed as CBI.

For the 349 PMNs received by EPA during this period, the table provides the following information (to the extent that such information is not claimed as CBI): The EPA case number assigned to

the PMN; the date the PMN was received by EPA; the projected end date for EPA's review of the PMN; the submitting manufacturer/importer; the potential uses identified by the manufacturer/importer in the PMN; and the chemical identity.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-09-0378	6/22/2016	9/19/2016	CBI	(G) Solvent	(G) Hydrofluorocarbon.
P-09-0629	6/22/2016	9/19/2016	Santolubes, LLC	(S) This substance will be a raw material for a flame retardant product used in the plastics.	(S) Bis(para-phenoxyphenyl)ether.
P-10-0017	6/22/2016	9/19/2016	CBC (America) Corporation.	(G) Sealant application	(S) Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane, hydrogenated.
P-10-0494	6/22/2016	9/19/2016	CBI	(G) Intermediate chemical product	(G) Polyphenol ether.
P-10-0542	6/22/2016	9/19/2016	CBI	(G) Used as an ingredient in manufacture of a polymer binder meant to adhere glass fibers together.	(G) Amide, polyprotic acid.
P-11-0148	6/22/2016	9/19/2016	Ineos Oligomers	(G) Industrial applications	(S) Hydrocarbons, c4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated.
P-11-0593	6/22/2016	9/19/2016	CBI	(G) Component of polyurethane foam	(G) Formaldehydem reaction products with alkylphenol and diethanolamine, alkoxy alkylated.
P-11-0647	6/22/2016	9/19/2016	CBI	(G) Water and oil repellent	(G) Perfluoroalkylethyl methacrylate copolymer.
P-12-0085	6/22/2016	9/19/2016	CBI	(G) Finishing agent for textile	(G) Substituted-dioxaphosphorinane, 2-([1,1'-biphenyl]-2-yloxy)-5,5-dialkyl-, 2-oxide.
P-12-0089	6/22/2016	9/19/2016	BrueggeMann Chemical U.S., Inc.	(G) Zinc is a natural essential element, which is needed for the optimal growth and development of all living organisms including man all living organisms have homeostasis mechanisms that actively regulate zinc uptake and absorption excretion from the body due to this regulations zinc and zinc compounds do not bioaccumulate or biomagnify most common technical function of substance (what it does) food/feedstuff additives process regulators other than polymerisation or vulcanisation processes lubricants and lubricant additives laboratory chemicals ph-regulating agents fertilizers.	(S) Carbonic acid, zinc salt, basic.
P-12-0277	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0278	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0279	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0280	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0281	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0282	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0283	6/22/2016	9/19/2016	CBI	(G) Platicizer and lubricant with flame retardant properties.	(G) Chloro alkanes.
P-12-0284	6/22/2016	9/19/2016	CBI	(G) Metal working fluid additive	(G) Chloro alkanes.
P-12-0291	6/22/2016	9/19/2016	CBI	(G) Additive, open, non-dispersive use	(G) Fluoroalkyl modified polydimethylsiloxane.
P-12-0399	6/22/2016	9/19/2016	CBI	(G) Paper treatment	(G) Perfluoroalkylethyl methacrylate copolymer, sodium salt.
P-12-0433	6/22/2016	9/19/2016	Ineos Chlor Americas	(G) Additive	(S) Alkanes, c18-20, chloro.
P-12-0453	6/22/2016	9/19/2016	Ineos Chlor Americas	(G) Additive	(S) Alkanes, c14-17, chloro.
P-12-0505	6/22/2016	9/19/2016	Ineos Chlor Americas	(G) Additive	(S) Alkanes, c22-30, chloro.
P-13-0021	6/22/2016	9/19/2016	CBI	(S) Surface protection agent for use in building materials.	(G) Perfluoroacrylate polymer.
P-13-0022	6/22/2016	9/19/2016	CBI	(S) Surface protection agent for use in building materials.	(G) Perfluoroacrylate polymer.
P-13-0287	6/22/2016	9/19/2016	CBI	(G) Curing agent; starting material for curing agent.	(G) Cyanoethylated diamine.
P-13-0307	6/22/2016	9/19/2016	CBI	(G) Component of manufactured consumer article—contained use.	(G) Substituted carbocycle, n-[[[4-[(4-substituted carbocyclic)amino]sulfonyl]carbocyclic]amino]carbonyl]-4-methyl-
P-13-0323	6/22/2016	9/19/2016	CBI	(G) Additive for foam applications	(G) Phosphonic acid, [1]([5,5-dialkyl-2-substituted-substituted heteromonocycle]-1-alkyl)-, dialkyl ester.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-13-0377	6/22/2016	9/19/2016	CBI	(G) Water and oil repellent	(G) Perfluoroalkylethyl methacrylate copolymer.
P-13-0382	6/22/2016	9/19/2016	CBI	(G) Plastics	(G) Castor oil, reaction products with an alcohol amine.
P-13-0520	6/22/2016	9/19/2016	Alberdingk Boley Inc ..	(S) Coatings for wood metal and plastic	(G) Aromatic dicarboxylic acid, polymer with cycloalkanemethanol, alkanediamine, alkanedioic acid, hydroxy-2-(hydroxyalkyl)-2-alkylcarboxylic acid, methylenebis[isocyanatocycloalkane] and (methylethylidene)bis(phenyleneoxy)] bis[alkan ol], compd. with dialkylamino ethanol.
P-13-0521	6/22/2016	9/19/2016	Alberdingk Boley, Inc	(S) Coatings for wood metal and plastic	(G) Aromatic dicarboxylic acid, polymer with alkanediamine, alkane dioic acid, alkanediol, hydroxy-2-(hydroxymethyl)-2-alkyl carboxylic acid, methylenebis [isocyanatocycloalkane] and [(alkylethylidene) bis(phenyleneoxy)]bis [alkanol], compd. with dialkylethanamine.
P-13-0720	6/22/2016	9/19/2016	Nano-C, Inc	(S) Additive for fibers in fabrics; (S) Additive for fibers in structural and electrical applications; (S) Additive for transparency and conductivity in electronic devices; (S) Additive in lubricants and grease to improve wear resistance; (S) Additive to improve the strength and durability of materials and batteries; (S) Catalyst support for use in fuel cells; (S) Coating additive to improve corrosion resistance of metals; (S) Use as a nonporous network in gas diffusion layers; (S) Use as a semi-conductor, conductive, or resistive element in electronic circuitry and devices; (S) Use as an electromechanical switch in electronic circuitry and devices; (S) Use in film laminates to improve structural, electrical, or electrochemical properties of composite; (S) Use in separation of chemicals; (S) Use with materials to improve mechanical properties or electrical conductivities.	(G) Single-walled carbon nanotubes.
P-13-0883	6/22/2016	9/19/2016	CBI	(G) Corrosion inhibitor for down-hole well treatment and pipelines used in the oil and gas industry.	(G) Fatty acids, tall oil, reaction products with polyamine, 2-mercaptoacetate.
P-14-0053	6/22/2016	9/19/2016	Takasago	(S) Fragrance in deodorants and cosmetics; (S) Fragrance in fine fragrance; (S) Fragrance in household products such as laundry; detergents and air fresheners; (S) Fragrance in shampoos and body washes.	(S) 2-pentanone, 3-methyl-5-(2,2,3-trimethylcyclopentyl)-
P-14-0055	6/22/2016	9/19/2016	Takasago	(S) Fragrance in deodorants and cosmetics; (S) Fragrance in fine fragrance; (S) Fragrance in household products such as laundry detergents and air; Fresheners; (S) Fragrance in shampoos, body wash.	(S) Cyclohexanecarboxylic acid, 2,2,6-trimethyl-,2-propen-1-yl ester.
P-14-0073	6/22/2016	9/19/2016	CBI	(G) Manufacturing intermediate	(G) Fluorinated alcohol.
P-14-0093	6/22/2016	9/19/2016	CBI	(G) Resin for coatings	(G) Phenol, bis(alkylalylidene)-, polymer with haloalkyl heteromonocycle, alkylhexanoate, reaction products with substituted amines.
P-14-0094	6/22/2016	9/19/2016	CBI	(G) Crosslinking agent	(G) Substituted polyalkylene polycarbomonocyclic ester, 2-alkoxyethanol- and dialkylene glycol alkyl ether-blocked.
P-14-0246	6/22/2016	9/19/2016	Shell Chemical, LP	(S) Cleaning adn inks; (S) Electronics; (S) Other solvents; (S) Paint and coating.	(S) 2-propanol, 1-ethoxy-, 2-acetate.
P-14-0266	6/22/2016	9/19/2016	CBI	(G) Functions as an oil-soluble corrosion inhibitor for use in oil and gas wells and pipelines.	(G) Tall oil fatty acid diethylenetriamine compds. with substituted polyethylene glycol ether.
P-14-0314	6/22/2016	9/19/2016	CBI	(G) Industrial flame retardant	(G) Poly aliphatic phosphate.
P-14-0321	6/22/2016	9/19/2016	CBI	(G) Site-limited isolated and recycled intermediate.	(G) Hydrochlorofluoroprop ene.
P-14-0323	6/22/2016	9/19/2016	CBI	(G) Site-limited, isolated and recycled intermediate.	(G) Hydrochlorofluoroprop ene.
P-14-0472	6/22/2016	9/19/2016	CBI	(G) Site Controlled Intermediate	(G) Polyphosphoric acids, 2-[alkyl-1-oxo-2-propen-1-yl]oxy]ethyl esters, compds. with n-(aminoiminomethyl)ure a.
P-14-0481	6/22/2016	9/19/2016	CBI	(G) Base material in industrial rubber synthesis; (G) Base material in industrial rubber synthesis.	((G) Alkene, hexasubstituted, telomer with disubstituted alkene and polysubstituted alkane.
P-14-0482	6/22/2016	9/19/2016	CBI	(G) Industrial chemical	(G) Organic salt.
P-14-0485	6/22/2016	9/19/2016	CBI	(G) Fuel cell component	(G) Rare earth oxide.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-14-0496	6/22/2016	9/19/2016	CBI	(G) Paper additive	(G) Polyphosphoric acids, 2-[(alkyl-1-oxo-2-propen-1-yl)oxy]ethyl esters, compds. with n-(aminoiminomethyl)urea, polymers with butyl acrylate, n-(hydroxymethyl)-2-propenamide and styrene.
P-14-0574	6/22/2016	9/19/2016	CBI	(G) Open non-dispersive use; dispersive use	(G) Fatty acid esters with polyol.
P-14-0627	6/22/2016	9/19/2016	CBI	(S) Solvent in a variety of applications; laboratory chemical/solvent; cleaning agent.	(G) Cyclic amide.
P-14-0630	6/22/2016	9/19/2016	CBI	(S) Pigment for liquid coatings solvent based system; (S) Pigment for polymer materials; (S) Pigment for powder coatings.	(S) Bismuth bromide iodide oxide.
P-14-0636	6/22/2016	9/19/2016	CBI	(S) Functional resin coating/protective coating; functional resin insulating glass sealant; functional resin aerospace sealant.	(G) Chloroalkane, polymer with chloroalkoxyalkane and sodium sulfide (na2sx).
P-14-0637	6/22/2016	9/19/2016	CBI	(G) Textile treatment	(G) Perfluoroalkylethyl methacrylate copolymer.
P-14-0642	6/22/2016	9/19/2016	CBI	(S) Low foam surfactant for the autodishwasher market; low foam surfactant for the household cleaning market.	(S) Oxirane, 2-ethyl-, polymer with oxirane, mono-c12-16-alkyl ethers.
P-14-0683	6/22/2016	9/19/2016	Qualice, LLC	(S) Extreme pressure additive in lubricants; (S) Flame retardant in rubber products.	(S) Tetradecane, chloro derivatives.
P-14-0684	6/22/2016	9/19/2016	Qualice, LLC	(S) Extreme pressure additive in lubricants; (S) Flame retardant in rubber products.	(S) Alkanes, c14-16, chloro.
P-14-0758	6/22/2016	9/19/2016	CBI	(G) Urethane foam	(G) Polyamine-based polyol.
P-14-0829	6/22/2016	9/19/2016	CBI	(S) Surfactant for use in paints, coatings, inks, waxes, detergents, polishes, adhesives, and lubricants.	(G) Perfluoropolyethylene glycol polymer.
P-14-0865	6/22/2016	9/19/2016	CBI	(G) Isolated intermediate	(G) Aromatic amide oxime.
P-15-0029	6/22/2016	9/19/2016	Maroon, Inc	(S) Antioxidant for plastics	(S) 2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane,3,9-bis[2-(1-methyl-1-phenylethyl)-4-(1,1,3,3-tetramethylbutyl)phenoxy]-
P-15-0106	6/22/2016	9/19/2016	CBI	(G) Mining and fuel additive	(G) Alkene reaction and distillation by-products and residues.
P-15-0114	6/22/2016	9/19/2016	CBI	(S) Dielectric medium; heat transfer	(S) 2-butanone, 1,1,1,3,4,4,4-heptafluoro-3-(trifluoromethyl)-
P-15-0123	6/22/2016	9/19/2016	CBI	(S) Fragrance ingredient for use in fragrances for soaps, detergents, cleaners and other household products.	(G) Alkyl substituted 5-benzofuranol.
P-15-0310	6/22/2016	9/19/2016	Sasol Chemicals (USA), LLC.	(S) Lubricant in special chain oils for conveyor belts.	(S) 1,2,4-benzenetricarboxylic acid, mixed decyl and octyl triesters.
P-15-0320	6/22/2016	9/19/2016	CBI	(S) Dielectric medium	(S) Propanenitrile, 2,3,3,3-tetrafluoro-2-(trifluoromethyl)-
P-15-0353	6/22/2016	9/19/2016	CBI	(G) Lubricant additive	(G) Chlorinated complex ester.
P-15-0357	6/22/2016	9/19/2016	CBI	(G) Raw material for thermal paper manufacture.	(G) Benzenesulfonamide, phenyl substituted carbonyl.
P-15-0372	6/22/2016	9/19/2016	CBI	(G) Surfactant	(G) 1,3-propanediamine, n1-alkyl-, carboxymethyl derivs'
P-15-0377	6/22/2016	9/19/2016	PCCR USA, Inc	(S) Plasticizer in automotive parts; (S) Plasticizer in pvc cables.	(S) 1,2,4-benzenetricarboxylic acid, 1,2,4-trionyl ester.
P-15-0386	6/22/2016	9/19/2016	CBI	(G) Ingredient for consumer products, dispersive use.	(S) 2-cyclohexen-1-ol, 2-methyl-5-(1-methylethenyl)-, 1-acetate, (1r,5r)-
P-15-0387	6/22/2016	9/19/2016	CBI	(G) Industrial coating polymer	(G) Modified fluoroalkyl acrylate copolymer.
P-15-0392	6/22/2016	9/19/2016	Polynt S.P.A	(S) Plasticizer for pvc powders for car interiors manufacturing; plasticizer for pvc compounds for cables.	(S) 1,2,4-benzenetricarboxylic acid, mixed decyl and octyl triesters.
P-15-0419	6/22/2016	9/19/2016	CBI	(G) Flame retardant material	((G) 2,2-bis[3',5'-dihalo-4'-haloalkyloxy carbomonocycle] propane.
P-15-0433	6/22/2016	9/19/2016	CBI	(G) Lubricant additive	(G) Chlorinated complex ester.
P-15-0436	6/22/2016	9/19/2016	CBI	(G) Stain block, surfactant, and antiblock agent.	(G) Anionic aqueous fluorochemical dispersion.
P-15-0442	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0443	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0444	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0445	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0446	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0447	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0450	6/22/2016	9/19/2016	CBI	(G) Mixed metal oxide for batteries	(G) Lithium mixed metal oxide.
P-15-0469	6/22/2016	9/19/2016	CBI	(G) Surfactant	(G) Glycerides, c8-18 and c18 unsaturated, from fermentation.
P-15-0474	6/22/2016	9/19/2016	xF Technologies	(S) Organic solvent; (S) Plasticizer	(S) 2-furancarboxylic acid, 5-methyl-, ethyl ester.
P-15-0475	6/22/2016	9/19/2016	xF Technologies	(S) Organic solvent; (S) Plasticizer	(S) 2-furancarboxylic acid, 5-methyl-, methyl ester.
P-15-0476	6/22/2016	9/19/2016	xF Technologies	(S) Organic solvent; (S) Plasticizer	(S) 2-furancarboxylic acid, 5-methyl-, 1-methylethyl ester.
P-15-0477	6/22/2016	9/19/2016	xF Technologies	(S) Organic solvent; (S) Plasticizer	(S) 2-furancarboxylic acid, 5-methyl-, tetradecyl ester.
P-15-0478	6/22/2016	9/19/2016	xF Technologies	(S) Organic solvent; (S) Plasticizer	(S) 2-furancarboxylic acid, 5-methyl-, 2,2'-[ethanediy]bis(oxy-2,1-ethanediy) ester.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-15-0479	6/22/2016	9/19/2016	xF Technologies	(S) Organic solvent; (S) Plasticizer	(S) 2-furancarboxylic acid, 5-methyl-, 2,2'-[oxybis(methyl-2,1-ethanediyl)] ester.
P-15-0481	6/22/2016	9/19/2016	CBI	(S) Curing agent for epoxy coating systems ..	(G) Benzaldehyde, reaction products with polyalkylenepolyamine s, hydrogenated, reaction products with alkyl ketone.
P-15-0487	6/22/2016	9/19/2016	Daewoo International USA Corp.	(S) Additive for fibers in structural and electrical applications; additive for fibers in fabrics and textiles; (S) Additive for heat transfer and thermal emissions in electronic devices and materials; use as a semi-conductor, conductive, or resistive element in electronic circuitry and devices; (S) Additive for weight reduction in materials; (S) Use as a catalyst support in chemical manufacturing; Coating additive to improve corrosion resistance or conductive properties; (S) Use as a filter additive to remove nanoscale materials; use as a semi-conducting compounding additive for high-voltage cable; use as an additive for superhydrophobicity; (S) Use as a heat-generating element in heating devices and materials; (S) Use as an additive for electrostatic discharge (esd) in electronic devices, electronics, and materials; (S) Use as an additive for electromagnetic interface (emi) shielding in electronic devices; additive for electrodes in electronic materials and electronic devices; (S) Use as an additive to improve conductivity in electronic circuitry energy storage systems, and devices; use as an electron emitter for lighting and x-ray sources. (S) Use with materials to improve mechanical properties or electrical conductivities.	(G) Multi-walled carbon nanotubes.
P-15-0488	6/22/2016	9/19/2016	Daewoo International USA Corp.	(S) Additive for fibers in structural and electrical applications; additive for fibers in fabrics and textiles; (S) Additive for heat transfer and thermal emissions in electronic devices and materials; use as a semi-conductor, conductive, or resistive element in electronic circuitry and devices; (S) Additive for weight reduction in materials; (S) Use as a catalyst support in chemical manufacturing; coating additive to improve corrosion resistance or conductive properties; (S) Use as a filter additive to remove nanoscale materials; use as a semi-conducting compounding additive for high-voltage cable; use as an additive for superhydrophobicity; (S) Use as a heat-generating element in heating devices and materials; (S) Use as an additive for electrostatic discharge (esd) in electronic devices, electronics, and materials; (S) Use as an additive for electromagnetic interface (emi) shielding in electronic devices; additive for electrodes in electronic materials and electronic devices; (S) Use as an additive to improve conductivity in electronic circuitry, energy storage systems, and devices; use as an electron emitter for lighting and x-ray sources. (S) Use with materials to improve mechanical properties or electrical conductivities.	(G) Multi-walled carbon nanotubes.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-15-0489	6/22/2016	9/19/2016	Daewoo International USA Corp.	(S) Additive for fibers in structural and electrical applications; additive for fibers in fabrics and textiles; (S) Additive for heat transfer and thermal emissions in electronic devices and materials; use as a semi-conductor, conductive, or resistive element in electronic circuitry and devices; (S) Additive for weight reduction in materials; (S) Use as a catalyst support in chemical manufacturing; coating additive to improve corrosion resistance or conductive properties; (S) Use as a filter additive to remove nanoscale materials; use as a semi-conducting compounding additive for high-voltage cable; use as an additive for superhydrophobicity; (S) Use as a heat-generating element in heating devices and materials; (S) Use as an additive for electrostatic discharge (esd) in electronic devices, electronics, and materials. (S) Use as an additive for electromagnetic interface (emi) shielding in electronic devices; additive for electrodes in electronic materials and electronic devices; (S) Use as an additive to improve conductivity in electronic circuitry energy storage systems, and devices; use as an electron emitter for lighting and x-ray sources. (S) Use with materials to improve mechanical properties or electrical conductivities.	(G) Multi-walled carbon nanotubes.
P-15-0490	6/22/2016	9/19/2016	Daewoo International USA Corp.	(S) Additive for fibers in structural and electrical applications; additive for fibers in fabrics and textiles; (S) Additive for heat transfer and thermal emissions in electronic devices and materials; use as a semi-conductor, conductive, or resistive element in electronic circuitry and devices; (S) Additive for weight reduction in materials; (S) Use as a catalyst support in chemical manufacturing; coating additive to improve corrosion resistance or conductive properties; (S) Use as a filter additive to remove nanoscale materials; use as a semi-conducting compounding additive for high-voltage cable; use as an additive for superhydrophobicity; (S) Use as a heat-generating element in heating devices and materials. (S) Use as an additive for electrostatic discharge (esd) in electronic devices, electronics, and materials; (S) Use as an additive for electromagnetic interface (emi) shielding in electronic devices; additive for electrodes in electronic materials and electronic devices; (S) Use as an additive to improve conductivity in electronic circuitry, energy storage systems, and devices; use as an electron emitter for lighting and x-ray sources; (S) Use with materials to improve mechanical properties or electrical conductivities.	(G) Multi-walled carbon nanotubes.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-15-0491	6/22/2016	9/19/2016	Daewoo International USA Corp.	(S) Additive for fibers in structural and electrical applications; additive for fibers in fabrics and textiles; (S) Additive for heat transfer and thermal emissions in electronic devices and materials; use as a semi-conductor, conductive, or resistive element in electronic circuitry and devices; (S) Additive for weight reduction in materials; (S) Use as a catalyst support in chemical manufacturing; coating additive to improve corrosion resistance or conductive properties; (S) Use as a filter additive to remove nanoscale materials; use as a semi-conducting compounding additive for high-voltage cable; use as an additive for superhydrophobicity; (S) Use as a heat-generating element in heating devices and materials; (S) Use as an additive for electrostatic discharge (esd) in electronic devices, electronics, and materials; (S) Use as an additive for electromagnetic interface (emi) shielding in electronic devices; additive for electrodes in electronic materials and electronic devices; (S) Use as an additive to improve conductivity in electronic circuitry, energy storage systems, and devices; use as an electron emitter for lighting and x-ray sources. (S) Use with materials to improve mechanical properties or electrical conductivities.	(G) Multi-walled carbon nanotubes.
P-15-0506	6/22/2016	9/19/2016	CBI	(G) Component in cleaning formulation	(G) Alkyl phosphate ammonium salt.
P-15-0525	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0526	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0527	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0528	6/22/2016	9/19/2016	CBI	(G) Catalyst	(G) Rare earth doped zirconium oxide.
P-15-0540	6/22/2016	9/19/2016	CBI	(S) Chemical intermediate in the production of poly[oxy(methyl-1,2-ethanedyl)],a-sulfow-hydroxy-c10-16-alkyl ethers cas # 1497417-15-8, and/or sodium salt of same.	(S) Alcohols, c10-16, propoxylated.
P-15-0562	6/22/2016	9/19/2016	CBI	(S) Pigment for automotive coatings to be used in automotive oem and refinsh.	(G) Substituted alkylsilanes, reaction products with a mixture of metal oxides.
P-15-0580	6/22/2016	9/19/2016	CBI	(G) Coating	(G) Cycloaliphatic epoxy.
P-15-0584	6/22/2016	9/19/2016	The Lewis Chemical Company.	(S) Foaming agent in industrial or hard surface cleaners.	(S) Amides, coco, n,n-bis(2-hydroxypropyl).
P-15-0597	6/22/2016	9/19/2016	CBI	(S) Dispersing agent for use in paints, pigments, and coatings..	(G) Polyethylene glycol alkyl ether, sodium salt.
P-15-0632	6/22/2016	9/19/2016	CBI	(S) Salt for polymer	(G) Mixed amine salt.
P-15-0633	6/22/2016	9/19/2016	Firmenich, Inc	(G) As part of a fragrance formula (dispersive use).	(S) 1(2h)-naphthalenone,4-ethyloctahydro-8-methyl.
P-15-0653	6/22/2016	9/19/2016	CBI	(G) Coating	(G) Cycloaliphatic epoxide.
P-15-0697	6/22/2016	9/19/2016	CBI	(S) Boron-free, ferrous corrosion inhibitor for water-based metalworking fluids.	(G) Alkyl alkylenetriamine compd. with alkanol ethoxylate phosphate.
P-15-0705	6/22/2016	9/19/2016	CBI	(S) Alkylarylamine used as an additive and octane booster in aviation fuels.	(G) Alkylarylamine.
P-15-0706	6/22/2016	9/19/2016	CBI	(G) Ingredient for multipurpose exterior coatings.	(G) Mixture of aliphatic n-alkyl ureas containing substituted cyclohexyl and terminal alkoxysilane groups.
P-15-0707	6/22/2016	9/19/2016	CBI	(G) Ingredient for multipurpose exterior coatings.	(G) Mixture of aliphatic n-alkyl ureas containing substituted cyclohexyl and terminal alkoxysilane groups.
P-15-0719	6/22/2016	9/19/2016	CBI	(G) Flame retardant synergist	(S) Poly (1,4-diisopropyl benzene).
P-15-0720	6/22/2016	9/19/2016	CBI	(S) Polyurethane prepolymer	(G) Aliphatic polyester polyol.
P-15-0721	6/22/2016	9/19/2016	CBI	(S) Polyurethane prepolymer	(G) Aliphatic polyester polyol.
P-15-0722	6/22/2016	9/19/2016	CBI	(S) Polyurethane prepolymer	(G) Aliphatic polyester polyol.
P-15-0723	6/22/2016	9/19/2016	CBI	(S) Polyurethane prepolymer	(G) Aliphatic polyester polyol.
P-15-0724	6/22/2016	9/19/2016	CBI	(S) Polyurethane prepolymer	(G) Aliphatic polyester polyol.
P-15-0725	6/22/2016	9/19/2016	CBI	(S) Polyurethane prepolymer	(G) Aliphatic polyester polyol.
P-15-0726	6/22/2016	9/19/2016	CBI	(S) Co-polymer for use in adhesives and sealant formulations.	(G) Triethoxysilylalkoxy polyalkylene glycol.
P-15-0734	6/22/2016	9/19/2016	CBI	(S) Wastewater heavy metals removal	(G) Polymeric sulfide.
P-16-0017	6/22/2016	9/19/2016	Alcoa, Inc	(S) Blast suppressor for nitrogen based fertilizers.	(G) Mixed metals layered double hydroxide.
P-16-0043	6/22/2016	9/19/2016	Akzo Nobel Surface Chemistry, LLC.	(S) Polymeric corrosion inhibitor downhole oilfield.	(S) Amines, tallow alkyl, ethoxylated, polymers with adipic acid.
P-16-0054	6/22/2016	9/19/2016	Blaser Swisslube, Inc	(S) Metal working fluid component	(S) Phosphoric acid, mixed 2-hexyldodecyl and 2-octyldodecyl and 2-octyldodecyl mono- and diesters.
P-16-0086	6/22/2016	9/19/2016	CBI	(G) Coating component	(G) Mixed metal oxide-halide complex.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0092	6/22/2016	9/19/2016	CBI	(G) Industrial coatings, open non-dispersive use.	(G) Polymeric polyamine.
P-16-0093	6/22/2016	9/19/2016	CBI	(G) Ingredient for consumer products, dispersive use.	(S) 2-cyclohexen-1-one, 2-methyl-5-propyl-
P-16-0099	6/22/2016	9/19/2016	CBI	(G) Aqueous coating	(G) Polyethylene glycol polymer with aliphatic polycarbodiimide, bis(alkoxysilylpropyl) amine blocked.
P-16-0119	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Chlorofluorocarbon.
P-16-0120	6/22/2016	9/19/2016	The Shepherd Color Co.	(G) Pigment for anti-corrosive paints	(S) Aluminum vanadium zinc hydroxide oxide.
P-16-0122	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Chlorofluorocarbon.
P-16-0125	6/22/2016	9/19/2016	CBI	(G) Resin for coatings	(G) Alkoxy alkyl substituted alkanolic acid, ion(1-), salts with substituted carbomonocycle substituted heteromonocyclic polymer ester with substituted carbomonocycle alkyl ester-alkyl substituted alkanol reaction products.
P-16-0127	6/22/2016	9/19/2016	CBI	(S) Flotation of silica from iron ore and selected non-ferrous minerals.	(G) Dialkyl ether ammonium salts.
P-16-0143	6/22/2016	9/19/2016	CBI	(G) Chemical intermediate	(G) Haloalkylfuranocarboxaldehyde.
P-16-0150	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Chlorofluorocarbon.
P-16-0151	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Perfluoropolyether halide.
P-16-0152	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Perfluoropolyether aryl.
P-16-0153	6/22/2016	9/19/2016	CBI	(G) Lubricant additive	(G) Substituted aryl-perfluoropolyether.
P-16-0154	6/22/2016	9/19/2016	CBI	(G) Lubricant additive	(G) Sulfonated perfluoropolyether aromatic transition metal salt.
P-16-0155	6/22/2016	9/19/2016	CBI	(G) Lubricant additive	(G) Sulfonated perfluoropolyether aryl alkali metal salt.
P-16-0157	6/22/2016	9/19/2016	CBI	(G) Fabric Treatment	(G) Fluorinated polyurethane.
P-16-0164	6/22/2016	9/19/2016	CBI	(G) Processing aid	(G) Thiocarbamic acid derivative.
P-16-0165	6/22/2016	9/19/2016	Dura Chemicals, Inc ...	(S) Ferrous propionate is a component in a metal organic product that will be used in paint and ink driers, UPR promoters, lube/grease additives, fuel additives, polymerization catalysts, specialty petrochemical catalysts, etc., the amount of the ferrous propionate will be well under 1% in any final product; (S) iron,2-ethylhexanoate propionate complexes is a component in a metal organic product that will be used in paint and ink driers, UPR promoters, lube/grease additives, fuel additives, polymerization catalysts, specialty Petrochemical catalysts, etc., the amount of the Iron, 2-ethylhexanoate propionate complexes will be well under 1% in any final product.	(S) Iron, 2-ethylhexanoate propionate complexes.
P-16-0167	6/22/2016	9/19/2016	CBI	(S) Light stabilizer for plastic articles	(G) Hindered amine alkyl ester compounds.
P-16-0180	6/22/2016	9/19/2016	CBI	(S) Component of industrial and maintenance coatings.	(G) Isocyanic acid, polymethylenepolyphenylene ester, polymer with a-hydro-w-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and alkylene oxide polymer, alkylamine initiated.
P-16-0186	6/22/2016	9/19/2016	CBI	(G) Surfactant	(G) Sodium branched chain alkyl hydroxyl and branched chain alkenyl sulfonates.
P-16-0192	6/22/2016	9/19/2016	Evonik Corporation	(S) Reinforcing filler; coupling agent for production of tire/rubber goods.	(G) Silanized amorphous silica.
P-16-0194	6/22/2016	9/19/2016	CBI	(G) Process aid	(G) Silane-treated aluminosilicate.
P-16-0195	6/22/2016	9/19/2016	CBI	(G) Process aid	(G) Silane-treated aluminosilicate.
P-16-0196	6/22/2016	9/19/2016	CBI	(G) Process aid	(G) Silane-treated aluminosilicate.
P-16-0197	6/22/2016	9/19/2016	CBI	(G) Process aid	(G) Silane-treated aluminosilicate.
P-16-0198	6/22/2016	9/19/2016	CBI	(G) Process aid	(G) Silane-treated aluminosilicate.
P-16-0199	6/22/2016	9/19/2016	CBI	(G) Process aid	(G) Silane-treated aluminosilicate.
P-16-0205	6/22/2016	9/19/2016	CBI	(G) Lubricant Oil; (S) General Industrial Oil; (S) Hydraulic oil.	(G) Amide.
P-16-0206	6/22/2016	9/19/2016	CBI	(G) Pigment wetting and dispersing additive	(G) Formaldehyde ketone condensate polymer.
P-16-0207	6/22/2016	9/19/2016	CBI	(G) Additive for electrolyte solution	(G) Spiro tetrafluoroborate.
P-16-0217	6/22/2016	9/19/2016	CBI	(G) Processing aid for ground mineral slurries (open, non dispersive use).	(G) Alkenoic acid, polymer with sodium phosphate (1:1), mixed salt.
P-16-0218	6/22/2016	9/19/2016	Gaco Western	(G) Architectural Coating; (G) Spray Foam Insulation; (G) Reactant: Architectural Coating; (G) Reactant: Spray Foam Insulation.	(G) Acetoacetylated glycerin.
P-16-0221	6/22/2016	9/19/2016	CBI	(S) Coating agent	(G) Fluorinated organopolysilazane.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0225	6/22/2016	9/19/2016	International Flavors & Fragrances Inc.	(S) The notified substance will be used as a fragrance ingredient, being blended (mixed) with other fragrance ingredients to make fragrance oils that will be sold to industrial and commercial customers for their incorporation into soaps, detergents, cleaners, air fresheners, candles and other similar industrial, household and consumer products.	(S) Isomer mixture of cyclohexanol, 4-ethylidene-2-propoxy-(cas 1631145-48-6) (35-45%) and cyclohexanol, 5-ethylidene-2-propoxy (cas 1631145-49-7) (45-55%).
P-16-0246	6/22/2016	9/19/2016	CBI	(G) Chemical intermediate	(S) 2-pyridinecarboxylic acid, 6-(4-chloro-2-fluoro-3-methoxyphenyl)-4,5-difluoro-, phenylmethyl ester.
P-16-0253	6/22/2016	9/19/2016	CBI	(G) Fatty acid based glyceride blend	(G) Partial esters of fatty acids with glycerol.
P-16-0255	6/22/2016	9/19/2016	CBI	(S) Blocked catalyst for paint and coatings	(S) 1-butanaminium, n,n,n-tributyl-, ethyl carbonate (1:1).
P-16-0256	6/22/2016	9/19/2016	CBI	(S) Blocked catalyst for paint and coatings	(S) 1-butanaminium, n,n,n-tributyl-, ethyl carbonate (1:1).
P-16-0257	6/22/2016	9/19/2016	CBI	(S) Blocked catalyst for paint and coatings	(S) 1-butanaminium, n,n,n-tributyl-, methyl carbonate (1:1).
P-16-0258	6/22/2016	9/19/2016	CBI	(S) Blocked catalyst for paint and coatings	(S) 1-butanaminium, n,n,n-tributyl-, ethyl carbonate (1:1).
P-16-0259	6/22/2016	9/19/2016	CBI	(S) Blocked catalyst for paint and coatings	(S) 1-butanaminium, n,n,n-tributyl-, ethyl carbonate (1:1).
P-16-0261	6/22/2016	9/19/2016	CBI	(S) Intermediate	(S) Propanoic acid, 3-(dimethylamino)-2-methyl-, methyl ester.
P-16-0271	6/22/2016	9/19/2016	Oxea Corporation	(S) Flexible PVC plasticizer for wire insulation	(S) 1,2,4-benzenetricarboxylic acid, 1,2,4-trinonyl ester.
P-16-0273	6/22/2016	9/19/2016	CBI	(G) Ingredient in metal working fluid	(G) Alkyl heteromonocycle, polymer with heteromonocycle, carboxyalkyl alkyl ether.
P-16-0274	6/22/2016	9/19/2016	CBI	(G) Ingredient in metal working fluids	(G) Alkyl heteromonocycle, polymer with heteromonocycle, carboxyalkyl alkyl ether.
P-16-0275	6/22/2016	9/19/2016	CBI	(G) Surfactant	(G) Rhamnolipid salt.
P-16-0276	6/22/2016	9/19/2016	CBI	(G) Surfactant	(G) Rhamnolipid salt.
P-16-0280	6/22/2016	9/19/2016	CBI	(G) Co-initiator	(G) Polyether polyol with aromatic dialkylamine.
P-16-0281	6/22/2016	9/19/2016	CBI	(G) Reactive polyol	(G) Fatty alcohols—dimers, trimmers, polymers.
P-16-0282	6/22/2016	9/19/2016	CBI	(S) Paint dryer	(G) Manganese complexes.
P-16-0283	6/22/2016	9/19/2016	Allnex USA, Inc	(S) Resin for automotive coatings	(G) Alkanedioic acid, polymer with substituted carbomonocycle, substituted alkane, substituted alkanolic acid and substituted alkyldiamine, compd. with substituted alkanol.
P-16-0284	6/22/2016	9/19/2016	Deepak Nitrite Corporation, Inc.	(S) Optical Brightener for Textiles, Paper and Paperboard.	(G) Anilino substituted bis-triazinyl derivative of 4,4'-diaminostilbene-2,2'-disulfonic acid.
P-16-0285	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Ester amine.
P-16-0286	6/22/2016	9/19/2016	CBI	(G) Wellbore additive	(G) Quaternary ammonium salts.
P-16-0287	6/22/2016	9/19/2016	CBI	(G) Hardener for epoxy coating	(G) Alkanolic acid, 2-substituted-methyl ester, reaction products with aromatic diamine-[alkanediylbis(oxyethylene)]bis[oxirane] polymer.
P-16-0289	6/22/2016	9/19/2016	CBI	(G) Extrusion compounding resin molding resin.	(G) Semi-aromatic polyamide.
P-16-0290	6/22/2016	9/19/2016	CBI	(G) Fuel additive	(G) Copolymer of maleic acid and olefin.
P-16-0291	6/22/2016	9/19/2016	CBI	(G) Curing Agent	(G) 1,3-cyclohexanedimethanamine adduct.
P-16-0292	6/22/2016	9/19/2016	CBI	(S) Intermediate for use in the manufacture of polymers.	(G) Depolymerized waste plastics.
P-16-0293	6/22/2016	9/19/2016	Charkit Chemical Corp	(S) Compounding of fragrance for industrial cleaners/janitorial compounds, detergents, etc.	(S) Octanoic acid, phenylmethyl ester.
P-16-0299	6/22/2016	9/19/2016	CBI	(S) Reactive (meth)acrylate oligomer for ultra violet cured 3D printed parts.	(G) Polyurethane, methacrylate-blocked.
P-16-0300	6/22/2016	9/19/2016	H.B. Fuller Company ..	(G) Industrial adhesive	(G) Oxirane, 2-methyl-, polymer with 1,3-xylylene diisocyanate and oxirane, 3-(trimethoxysilyl)propyl isocyanate.
P-16-0301	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Propyl silsesquioxanes, hydrogen-terminated.
P-16-0302	6/22/2016	9/19/2016	CBI	(G) Plastic additive	(G) Organic modified propyl silsesquioxane.
P-16-0303	6/22/2016	9/19/2016	CBI	(G) Use for the production of acrylic resin for waterborne exterior coatings composition.	(G) Alkyl methacrylate polymer with styrene, amino acrylate and acrylic acid, ammonium salt.
P-16-0304	6/22/2016	9/19/2016	CBI	(G) Industrial Adhesive	(G) Polyurea grease.
P-16-0305	6/22/2016	9/19/2016	CBI	(G) Industrial Adhesive	(G) Polyurea grease.
P-16-0306	6/22/2016	9/19/2016	CBI	(G) Photoinitiator	(G) Polyether polyol polymer with aromatic ester.
P-16-0307	6/22/2016	9/19/2016	CBI	(G) Open, non dispersive use	(G) Heteropolycycliccarboxylic acid, 1,3-dihydro-disubstituted-, polymer with 1,1'-methylenebis[4-isocyanatobenzene], reaction products with silica.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0308	6/22/2016	9/19/2016	Itaconix Corp	(G) Reactive monomer	(S) Butanedioic acid, 2-methylene-, 1,4-bis(2-methylpropyl) ester.
P-16-0309	6/22/2016	9/19/2016	CBI	(G) PMN substances are intended for use as rheological or thixotropic agents used in the production of solvent based industrial coatings, high solid aromatic paints, adhesives, sealants, and other types of paints and topcoats.	(G) Bisamide mixture.
P-16-0310	6/22/2016	9/19/2016	CBI	(G) PMN substances are intended for use as rheological or thixotropic agents used in the production of solvent based industrial coatings, high solid aromatic paints, adhesives, sealants, and other types of paints and topcoats.	(G) Bisamide mixture.
P-16-0311	6/22/2016	9/19/2016	CBI	(S) Coatings for wood, metal and plastic	(G) Aromatic dicarboxylic acid, polymer with cycloalkanemethanol, alkanediamine, alkanedioic acid, hydroxy-2-(hydroxyalkyl)-2-alkylcarboxylic acid, methylenebis[isocyanatocycloalkane] and [(methylethylidene)bis(phenyleneoxy)]bis[alka nol].
P-16-0312	6/22/2016	9/19/2016	CBI	(S) Coatings for wood, metal and plastic	(G) Aromatic dicarboxylic acid, polymer with cycloalkanemethanol, alkanediamine, alkanedioic acid, hydroxy-2-(hydroxyalkyl)-2-alkylcarboxylic acid, methylenebis[isocyanatocycloalkane] and [(methylethylidene)bis(phenyleneoxy)]bis[alka nol].
P-16-0313	6/22/2016	9/19/2016	Honeyol, Inc	(S) Use in production of resins (raw material used in the production of resins).	(S) Tar acids (shale oil), c6?9 fraction, alkylphenols, low-boiling.
P-16-0314	6/22/2016	9/19/2016	Firmenich, Inc	(G) As part of a fragrance formula	(S) Ethanone, 1-(5-propyl-1,3-benzodioxol-2-yl)-.
P-16-0315	6/22/2016	9/19/2016	CBI	(S) Industrial rubber formulation	(G) Alkyldiene, polymer, terminated alkoxyalkylalkylcarbamate.
P-16-0316	6/22/2016	9/19/2016	CBI	(G) Drilling chemical	(G) Aliphatic polyester.
P-16-0317	6/22/2016	9/19/2016	CBI	(G) Drilling chemical	(G) Aliphatic polyester.
P-16-0318	6/22/2016	9/19/2016	CBI	(G) Additive for Pulp and Paper Processing; (G) Additive for car wash applications; (G) Additive for metal working fluids; (G) Additive for textile applications; (G) Processing aide in oil field applications.	(G) Ammonium sulfate, fatty acid esters.
P-16-0319	6/22/2016	9/19/2016	CBI	(G) Additive for pulp and paper processing; (G) Additive for car wash applications; (G) Additive for metal working fluids; (G) Additive for textile applications; (G) Processing aide in oil field applications.	(G) Ammonium sulfate, fatty acid esters.
P-16-0320	6/22/2016	9/19/2016	CBI	(G) Additive for pulp and paper processing; (G) Additive for car wash applications; (G) Additive for metal working fluids; (G) Additive for textile applications; (G) Processing aide in oil field applications.	(G) Ammonium sulfate, fatty acid esters.
P-16-0321	6/22/2016	9/19/2016	CBI	(G) Additive for Pulp and Paper Processing; (G) Additive for car wash applications; (G) Additive for metal working fluids; (G) Additive for textile applications; (G) Processing aide in oil field applications.	(G) Ammonium sulfate, fatty acid esters.
P-16-0322	6/22/2016	9/19/2016	CBI	(G) Pulp Bleaching Catalyst; (G) Textile Bleaching Catalyst.	(G) Manganese cyclic (tri)amine chloride complex.
P-16-0323	6/22/2016	9/19/2016	Allnex USA, Inc	(G) Coating resin	(G) Formaldehyde, reaction products with substituted carbomonocycle-substituted heteromonocycle-alkylene glycol bis [[substituted(oxoneoalky)oxy]alkyl]amino]alkyl ether polymer and alkyl substituted alkanediamine, acetate (salts).
P-16-0324	6/22/2016	9/19/2016	CBI	(G) Adhesive for open non-descriptive use	(G) Uv-curable urethane acrylate.
P-16-0325	6/22/2016	9/19/2016	CBI	(G) Oil & gas extraction	(G) Polymer of substituted acrylic acid and bromohexane.
P-16-0326	6/22/2016	9/19/2016	Firmenich, Inc	(G) As part of a fragrance formula	(S) Propanoic acid, 2,2-dimethyl-, 1-methyl-2-(1-methylethoxy)-2-oxoethyl ester.
P-16-0327	6/22/2016	9/19/2016	CBI	(G) additive in rubber tires	(G) Alkenoic acid, polymer with alkylalkenoate, sodium salt.
P-16-0328	6/22/2016	9/19/2016	CBI	(G) Adhesive component; (G) Intermediate ...	(G) Terephthalic acid, polymer with alkanepolycarboxylic acids, alkanepolyols, isophthalic acid, polyetherpolyol, 1,1-methylenebis[isocyanatobenzene], phthalic anhydride and a substituted alkanepolyol.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0329	6/22/2016	9/19/2016	CBI	(G) Adhesive component	(G) Polymer of alkanepolycarboxylic acids, alkanepolyols, isophthalic acid, polyetherpolyols, 1,1'-methylenebis[isocyanatobenzene], terephthalic acid, phthalic anhydride and a substituted alkanepolyol.
P-16-0330	6/22/2016	9/19/2016	H.B. Fuller Company	(G) Industrial Adhesive	(G) Hydroxy functional triglyceride polymer with glycerol mono-ester and 1,1'-methylenebis[isocyanatobenzene].
P-16-0331	6/22/2016	9/19/2016	H.B. Fuller Company	(G) Industrial Adhesive	(G) Hydroxy functional triglyceride polymer with glycerol mono-ester and 1,1'-methylenebis[4-isocyanatobenzene].
P-16-0332	6/22/2016	9/19/2016	CBI	(G) Component of coating	(G) Carbomonocycle phosphate metal salt.
P-16-0333	6/22/2016	9/19/2016	Charkit Chemical Corp	(S) Compounding of fragrance for industrial cleaners/janitorial compounds, detergents, etc.	(S) 2-hexyldecanal.
P-16-0333	6/22/2016	9/19/2016	Charkit Chemical Corp	(S) Compounding of fragrance for industrial cleaners/janitorial compounds, detergents, etc.	(S) 8-pentadecanone.
P-16-0333	6/22/2016	9/19/2016	Charkit Chemical Corp	(S) Compounding of fragrance for industrial cleaners/janitorial compounds, detergents, etc.	(S) Methylpentadecanone (unspecified).
P-16-0334	6/22/2016	9/19/2016	Lamberti USA Inc	(G) Additive for Industrial Purposes	(G) Polymeric amide.
P-16-0335	6/22/2016	9/19/2016	Lamberti USA, Inc	(G) Additive for Industrial Purposes	(G) Polymeric amide.
P-16-0336	6/22/2016	9/19/2016	CBI	(G) Fuel additive—destructive use	(G) Polyolefin ester.
P-16-0337	6/22/2016	9/19/2016	CBI	(S) Monomer	(G) Aliphatic acrylate.
P-16-0338	6/22/2016	9/19/2016	CBI	(G) Dyestuff	(G) Substituted xanthene derivative.
P-16-0339	6/22/2016	9/19/2016	CBI	(G) Dyestuff	(G) Azo derivatives.
P-16-0340	6/22/2016	9/19/2016	Solazyme, Inc	(G) Feedstock for oleochemical industry; (G) Renewable oil source for fuels.	(G) Glycerides, c8-18 and c18 unsaturated, from fermentation.
P-16-0341	6/22/2016	9/19/2016	Perstorp Polyols	(G) Elastomer; (S) Industrial coatings; (S) Adhesive components.	(S) 2-oxepanone, homopolymer, ester with 1,6-hexanediol.
P-16-0342	6/22/2016	9/19/2016	CBI	(S) Modified acrylic polymer used as a dispersant for deflocculation of pigments in industrial paints and coatings.	(G) Modified acrylic polymer.
P-16-0343	6/22/2016	9/19/2016	CBI	(S) Modified urethane polymer used as a dispersant for deflocculation of pigments in industrial paints and coatings.	(G) Modified urethane polymer.
P-16-0344	6/22/2016	9/19/2016	CBI	(S) Modified acrylic polymer used as a dispersant for deflocculation of pigments in industrial paints and coatings.	(G) Modified urethane polymer.
P-16-0345	6/22/2016	9/19/2016	CBI	(G) Processing aid	(G) Acrylamide, polymer with methacrylic acid derivatives.
P-16-0346	6/22/2016	9/19/2016	H.B. Fuller Company	(G) Industrial Adhesive	(G) Alkylamine with isocyanate.
P-16-0347	6/22/2016	9/19/2016	H.B. Fuller Company	(G) Industrial Adhesive	(G) Alkylamine with isocyanate.
P-16-0348	6/22/2016	9/19/2016	CBI	(G) Industrial lubricant	(G) Polyentaerythritol, mixed esters with linear and branched monoacids.
P-16-0349	6/22/2016	9/19/2016	CBI	(G) Fuel additive	(G) Quaternary ammonium salt of polyisobutene succinic acid.
P-16-0350	6/22/2016	9/19/2016	CBI	(G) Polymer reactant	(G) Polyalkyl aryl ester of methacrylic acid.
P-16-0351	6/22/2016	9/19/2016	Solazyme, Inc	(G) Feedstock for oleochemical industry; (G) Renewable oil source for fuels.	(G) Glycerides, c14-18 and c16-c18 unsaturated, from fermentation.
P-16-0352	6/22/2016	9/19/2016	CBI	(G) Industrial catalyst	(G) Reaction product of hydroxybenzaldehyde and fatty alkyl amine ether.
P-16-0353	6/22/2016	9/19/2016	Gantrade Corp	(S) Chain extender and curative for use in polymer manufacturing.	(S) Benzenamine, 4-[(4-amino-3-chlorophenyl)methyl]-2-ethyl-
P-16-0354	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Esteramine.
P-16-0355	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Esteramine.
P-16-0356	6/22/2016	9/19/2016	CBI	(G) Wellbore additive	(G) Quaternary ammonium salts.
P-16-0357	6/22/2016	9/19/2016	CBI	(G) Wellbore additive	(G) Quaternary ammonium salts.
P-16-0358	6/22/2016	9/19/2016	CBI	(S) Intermediate for further polymer reaction	(G) Alkyl phenol.
P-16-0359	6/22/2016	9/19/2016	Dic International (USA), LLC.	(G) Pigment additives for industrial coatings	(G) Carbopolycycle-bis(diazonium), dihalo-, chloride (1:2), reaction products with metal hydroxide, 4-[(dioxoalkyl)amino]substituted benzene, 2-[(dioxoalkyl)amino]substituted benzene, 5-[(dioxoalkyl)amino]-2-hydroxy-substituted benzene and oxo-n-phenylalkanamide.
P-16-0360	6/22/2016	9/19/2016	Oleon Americas, Inc	(G) Fuel additive	(S) Poly (oxy-1,2-ethanediyl), alpha-(1-oxodocosyl)-omega-[(1-oxodocosyl)oxy]-
P-16-0361	6/22/2016	9/19/2016	American Process Inc	(G) Binders	(S) Pulp, cellulose, reaction products with lignin [nanocrystals].
P-16-0362	6/22/2016	9/19/2016	American Process Inc	(G) Binders; (G) Plastic reinforcement; (G) Viscosifying agent.	(S) Pulp, cellulose, reaction products with lignin [nanofibrils].
P-16-0363	6/22/2016	9/19/2016	CBI	(G) Open, non-dispersive	(G) Blocked polyester polyurethane, neutralized.
P-16-0364	6/22/2016	9/19/2016	CBI	(G) Intermediate used completely on site	(G) Nitrile-butadiene-acrylate terpolymers.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0365	6/22/2016	9/19/2016	Allnex USA, Inc	(S) UV Curable coating resin	(G) Alkyl carbonate, polymer with, substituted alkanes and substituted heteromonocycle, substituted alkyl acrylate-blocked.
P-16-0366	6/22/2016	9/19/2016	CBI	(G) Open, non-dispersive	(G) Blocked polyisocyanate.
P-16-0367	6/22/2016	9/19/2016	Allnex USA, Inc	(S) UV curable coating resin	(G) Substituted heteromonocycle, polymer with substituted alkane and ethoxylated alkane, substituted heteromonocycle substituted alkyl ester-blocked.
P-16-0368	6/22/2016	9/19/2016	CBI	(S) Adhesive Coating for Carpet Backing	(G) Aromatic dicarboxylic acid, polymer with adipic acid and alkanediol.
P-16-0369	6/22/2016	9/19/2016	Allnex USA, Inc	(S) Ultra violet curable coating resin	(G) Substituted heteromonocycle, telomer with substituted carbomonocycles, substituted alkyl ester.
P-16-0370	6/22/2016	9/19/2016	CBI	(G) Crosslinker for adhesives and coatings ...	(G) Polysiloxane with functional groups.
P-16-0371	6/22/2016	9/19/2016	CBI	(G) Wetting and dispersing additive	(G) Polyester polymer phosphate ester alkyl alkyl.
P-16-0372	6/22/2016	9/19/2016	CBI	(G) Wetting and dispersing additive	(G) Polyester phosphate alkyl alkyl esters.
P-16-0373	6/22/2016	9/19/2016	CBI	(S) UV absorber for plastic articles	(G) Tris(alkyloxyphenyl)tri azine compounds.
P-16-0374	6/22/2016	9/19/2016	CBI	(G) Oil additive	(G) Metal branched alkyl substituted carbomonocycle complexes with substituted alkyl carbomonocycle.
P-16-0375	6/22/2016	9/19/2016	CBI	(G) Binder for seal application	(G) Alkyl methacrylates, polymer with olefines.
P-16-0376	6/22/2016	9/19/2016	CBI	(G) Photolithography	(G) Hydroxystyrene resin.
P-16-0377	6/22/2016	9/19/2016	CBI	(G) Film component	(G) Polyester polyol.
P-16-0378	6/22/2016	9/19/2016	CBI	(G) Film component	(G) Polyester polyol.
P-16-0379	6/22/2016	9/19/2016	CBI	(G) Intermediate for polymer synthesis	(G) Vinyl functional polymethylalkylpolymer.
P-16-0380	6/22/2016	9/19/2016	CBI	(G) Component of electrocoat resin	(G) Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products acetates (salts).
P-16-0381	6/22/2016	9/19/2016	CBI	(G) Component of electrocoat resin	(G) Propanoic acid, 2-hydroxy-, compds. With hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products formates (salts).
P-16-0382	6/22/2016	9/19/2016	CBI	(G) Component of electrocoat resin	(G) Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products sulfamates(salts).
P-16-0383	6/22/2016	9/19/2016	CBI	(S) Anti-crater additive for automotive electrocoat resin.	(G) Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products acetates (salts).
P-16-0384	6/22/2016	9/19/2016	CBI	(G) Component of electrocoat resin	(G) Propanoic acid, 2-hydroxy-, compds. With hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products formates (salts).
P-16-0385	6/22/2016	9/19/2016	CBI	(G) Component of electrocoat resin	(G) Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products sulfamates(salts).

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0386	6/22/2016	9/19/2016	CBI	(S) Additive for motor oil formulations and gear oil lubricants. The compound serves two primary functions. It acts as a seal swell additive. The elastomers used in the seals of the motor/gear box will absorb a small amount of the chemical compound and swell. This prevents seals from leaking and gives them a longer service life. The chemical also serves as a boundary lubricant. The two ester groups make this compound polar. The polarity causes the compound to be attracted to metal surfaces and adhere. This creates a boundary layer between the metal surface and the bulk primary lubricant used in the motor/gear oil formulation.	(S) Hexanedioic acid, 1,6-bis(3,5,5-trimethylhexyl) ester.
P-16-0387	6/22/2016	9/19/2016	CBI	(G) Additives for polymers	(G) Aliphatic polycarboxylic acid, polymer with alicyclic polyhydric alcohol and polyoxyalkylene.
P-16-0388	6/22/2016	9/19/2016	CBI	(G) Hardener for epoxy coating	(G) Aliphatic polyamines, polymers with bisphenol A and epichlorohydrin.
P-16-0389	6/22/2016	9/19/2016	CBI	(G) Oil & gas extraction	(G) Polymer of substituted acrylic acid, mercaptoethanol and bromohexane.
P-16-0390	6/22/2016	9/19/2016	CBI	(S) Coating resin used in anti-fogging clear coat applied to automotive parts.	(G) Alkyl alkenoic acid alkyl ester polymer with alkyl alkenoate, dialkyl alkenamide, hydroxy-modified alkenoic acid derivative, and sulfonic-modified alkenoic acid derivative.
P-16-0391	6/22/2016	9/19/2016	CBI	(G) Stabilizer	(G) Polyester polyol polymer with aliphatic isocyanate and phenol derivatives.
P-16-0392	6/22/2016	9/19/2016	CBI	(G) Wax	(G) Modified vegetable oil.
P-16-0393	6/22/2016	9/19/2016	CBI	(S) Plasticizer for use with polymers	(G) Di-substituted benzenedicarboxylic acid ester.
P-16-0394	6/22/2016	9/19/2016	CBI	(G) Adhesive	(G) Benzenedicarboxylic acid, polymer with decanedioic acid and dodecanedioic acid, ethanediol, hexanedioic acid, hexanediol, alpha-hydro-omega-hydroxypoly[oxy(methyl-1,2-ethanediyl)], isobenzofurandione, 1,1'-methylenebis[4-isocyanatobenzene], phenol and trimethylbicyclo hept-2-ene.
P-16-0395	6/22/2016	9/19/2016	CBI	(S) Polymeric intermediate for the production of acrylic polymers for industrial coatings.	(G) Methacrylic acid, polymer with alkyl methacrylates and substituted acrylamide, ammonium salt.
P-16-0396	6/22/2016	9/19/2016	CBI	(G) Specialty chemical for processing additive.	(G) Alkylammonium hydroxide.
P-16-0398	6/22/2016	9/19/2016	CBI	(G) Corrosion Inhibitor	(G) Di-ammonium di-carboxylate.
P-16-0399	6/22/2016	9/19/2016	TryEco LLC	(S) Agricultural soil amendment for filed crops, seed coating and turf.	(S) Starch, polymer with 2-propenoic acid, potassium salt, oxidized.
P-16-0400	6/22/2016	9/19/2016	Shell Chemical, LP	(S) Agrochemical; (S) Chemical Intermediate; (S) Metalworking Fluid Use; (S) Use in cleaning Fluids; (S) Use in Cured Coatings.	(S) Alkanes, C11-16-branched and linear.
P-16-0401	6/22/2016	9/19/2016	CBI	(G) Adhesive	(G) Propenoic acid alkyl ester, polymer with alkyl acrylate, isooctyl substituted, alkyl diol, alkyl diol propenoate, alkyl-oxycarbamate.
P-16-0402	6/22/2016	9/19/2016	CBI	(S) Flotation additive for use in mineral processing.	(G) Propanediamine, [(isoalkyloxy)propyl] derivs., salts.
P-16-0403	6/22/2016	9/19/2016	CBI	(G) Open, non dispersive use	(G) Heteropolycyclic carboxylic acid, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 4-substitutedbenzene, substituted carbomonocycle-and alkyl-substituted carbomonocycle-blocked.
P-16-0404	6/22/2016	9/19/2016	CBI	(G) A colorant for dyeing various synthetic fibers and fabrics. Open, non-dispersive use.	(G) Alkyl ester, 2-({4-[2-(trisubstituted phenyl)azo]-5-acetamido-2-substitutedphenyl]} (substituted alkoxy)amino).
P-16-0405	6/22/2016	9/19/2016	CBI	(G) A colorant for dyeing various synthetic fibers and fabrics. Open, non-dispersive use.	(G) Alkyl ester, 2-({5-acetamido-2-alkoxy-4-[2-(substituted-2,1-benzothiazol-3-yl)azo]phenyl]}(disubstituted)amino).
P-16-0406	6/22/2016	9/19/2016	CBI	(G) Coating	(G) Functionalized polyimide.
P-16-0407	6/22/2016	9/19/2016	CBI	(G) Coating	(G) Functionalized polyamide.
P-16-0408	6/22/2016	9/19/2016	CBI	(G) A colorant for dyeing various synthetic fibers and fabrics. Open, non-dispersive use.	(G) 3-pyridinecarbonitrile, 1,2-dihydro-trisubstituted-5-[2-(disubstituted phenyl)azo]-2-oxo.
P-16-0409	6/22/2016	9/19/2016	CBI	(G) chemical intermediate for the synthesis of another substance.	(G) Alkylphenol.
P-16-0410	6/22/2016	9/19/2016	CBI	(G) Automotive engine fluid additive	(G) Silicophosphonate-sodium silicate.

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0411	6/22/2016	9/19/2016	CBI	(G) Crosslinking agent	(G) Substituted polyalkylene polycarbomonocyclic ester, polymer with polyalkylene glycol, alkoxyalkanol blocked.
P-16-0412	6/22/2016	9/19/2016	Cardolite Corporation	(G) Epoxy Coating	(G) Cashew, nutshell liq., polymer with amine and formaldehyde.
P-16-0413	6/22/2016	9/19/2016	Siltech LLC	(S) anti-fingerprint material for a metal coating application.	(S) Siloxanes and silicones, di-me, 3-hydroxypropyl me, me 3,3,4,4,5,5,6,6,6-nonafluorohexyl.
P-16-0414	6/22/2016	9/19/2016	CBI	(S) Polymerized pigment used in the manufacture of electronic inks.	(G) Dimethylsiloxane methyl methacrylate copolymer.
P-16-0415	6/22/2016	9/19/2016	CBI	(G) coating for oil and gas industry	(G) Polyurethane.
P-16-0417	6/22/2016	9/19/2016	CBI	(G) Adhesive for open, non-descriptive use ...	(G) Isocyanate terminated polyurethane resin.
P-16-0418	6/22/2016	9/19/2016	CBI	(G) A colorant for dyeing various synthetic fibers and fabrics. Open, non-dispersive use.	(G) 6-(disubstituted-phenyl azo)-4,7-disubstituted-quinolinepropanoic acid, alkyl ester.
P-16-0419	6/22/2016	9/19/2016	CBI	(G) Use as intermediate	(G) N-alkyl-dialkylpiperidine.
P-16-0420	6/22/2016	9/19/2016	CBI	(S) The notified substance will be used as a fragrance ingredient, being blended (mixed) with other fragrance ingredients to make fragrance oils that will be sold to industrial and commercial customers for their incorporation into soaps, detergents, cleaners and other similar household and consumer products.	(G) Dimethyl cyclohexenyl propanol.
P-16-0421	6/22/2016	9/19/2016	Guardian Industries Corp.	(S) Additive to facilitate melting of sand during manufacture of glass.	(S) Flue dust, glass manufg. desulfurization definition: the dust produced from the flue gas exhaust cleaning of a glass manufacturing process using carbonate containing substances. it consists primarily of na2so4, na2co3, and na4(so4)(co3).
P-16-0422	6/22/2016	9/19/2016	CBI	(G) Additive for Polymers	(S) 1,2- cyclohexanedicarboxylic acid, 1-(phenylmethyl) ester, ester with 2,2,4-trimethyl-1,3-pentanediol mono(2-methylpropanoate).
P-16-0423	6/22/2016	9/19/2016	CBI	(G) Intermediate	(G) Tetraalkylpiperidinium halide.
P-16-0424	6/22/2016	9/19/2016	CBI	(G) Directing agent	(G) Tetraalkylpiperidinium hydroxide.
P-16-0425	6/22/2016	9/19/2016	CBI	(G) A chemical reactant used in manufacturing a polymer.	(G) Amino-silane.
P-16-0426	6/22/2016	9/19/2016	CBI	(G) Lubricating oil additive	(G) Alkenyl bis-succinimide.
P-16-0427	6/22/2016	9/19/2016	CBI	(G) adhesive	(G) Alkanedioic acid polymer with ethenylbenzene alky-2-alkenoate, alkanediol, .alpha.-hydro.-omega.-hydroxypoly[oxyalkyl-alkanediyl]], hydroxyalkyl-alkyl-alkenoate, and aromatic isocyanate.
P-16-0428	6/22/2016	9/19/2016	Cardolite Corporation	(S) Industrial	(G) Phenol, formaldehyde and amine.
P-16-0429	6/22/2016	9/19/2016	CBI	(G) Universal tint paste resin having high solids.	(G) Endcapped polysiloxane.
P-16-0430	6/22/2016	9/19/2016	CBI	(G) Filler	(S) Pentanedioic acid, 2-methyl-
P-16-0432	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products used in ore processing.	(G) Fatty acid amidoamine acetates.
P-16-0433	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products used in ore processing.	(G) Fatty acid amidoamine acetates.
P-16-0434	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products used in ore processing.	(G) Fatty acid amidoamine acetates.
P-16-0435	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products used in ore processing.	(G) Fatty acid amidoamine acetates.
P-16-0436	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products used in ore processing.	(G) Fatty acid amidoamine acetates.
P-16-0437	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products used in ore processing.	(G) Fatty acid amidoamine acetates.
P-16-0439	6/30/2016	9/28/2016	CBI	(G) coloring agent	(G) Modified carbon black.
P-16-0440	6/30/2016	9/28/2016	CBI	(G) coloring agent	(G) Modified carbon black.
P-16-0441	6/23/2016	9/21/2016	CBI	(G) Oilfield additive	(G) Formaldehyde, reaction products with amine-alkylamine reaction products ether amine derivs. residues.
P-16-0442	6/23/2016	9/21/2016	CBI	(G) Polymer for coatings	(G) Amine salted polyurethane.
P-16-0443	6/23/2016	9/21/2016	CBI	(G) Polymer for coatings	(G) Amine salted polyurethane.
P-16-0444	6/23/2016	9/21/2016	CBI	(G) Polymer for coatings	(G) Amine salted polyurethane.
P-16-0445	6/23/2016	9/21/2016	CBI	(G) Polymer for coatings	(G) Amine salted polyurethane.
P-16-0446	7/8/2016	10/6/2016	Allnex USA Inc	(S) Resin in architectural primer coatings	(G) Fatty acids, reaction products with alkylamine, polymers with substituted carbomonocycle, substituted alkylamines, heteromonocycle and substituted alkanolate, lactates (salts),

TABLE—PMNS RECEIVED FROM JUNE 1, 2016 TO JUNE 30, 2016—Continued

Case No.	Date received	Projected end date for EPA review	Manufacturer importer	Use(s)	Chemical identity
P-16-0447	6/24/2016	9/22/2016	CBI	(G) Additive for coatings	(G) Alkyl alkenoate, dialkyl alkanediyl, polymer with alkyl alkenoate, substituted carbomonocycle, alkyl alkenoate and heteromonocycle alkyl alkenoate, diazene bis alkyl heteromonocycle initiated.
P-16-0448	6/27/2016	9/25/2016	CBI	(G) Oil additive	(G) Metal salts branched alkyl substituted carbomonocycle with substituted alkyl carbomonocycle complexes.
P-16-0449	6/27/2016	9/25/2016	CBI	(S) Use per FFDC: Cosmetics; (S) Use per TSCA: Fragrance uses; scented papers, detergents, candles etc.	(S) 2,7-decadienal, (2e,7z)-
P-16-0453	6/29/2016	9/27/2016	Miwon North America, Inc.	(S) Resin for Industrial Coating	(G) Polyester acrylate.
P-16-0454	6/30/2016	9/28/2016	CBI	(G) material for highly dispersive use in consumer products.	(G) Trisubstituted alkenol.
SN-03-0015 ..	6/22/2016	9/19/2016	Degussa Corporation	(S) Anti-graffiti systems; surface treatment of fabrics and porous mineral surfaces.	(G) Fluoro/amino silane mixture.
SN-03-0016 ..	6/22/2016	9/19/2016	Degussa Corporation	(S) Anti-soiling surface treatment of glass and ceramic surfaces.	(S) Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-
SN-12-0005 ..	6/22/2016	9/19/2016	CBI	(G) Additive, open, non-dispersive	(G) Multi-walled carbon nanotubes.
SN-15-0004 ..	6/22/2016	9/19/2016	CBI	(S) Slurry dispersion to be blended with coating compound and applied to fabric.	(G) Brominated compounds.
SN-15-0009 ..	6/22/2016	9/19/2016	CBI	(G) Polymer additive	(G) Fatty acid amide.
SN-16-0005 ..	6/22/2016	9/19/2016	CBI	(G) Abrasion resistant applications	(G) Potassium titanate.
SN-16-0009 ..	6/22/2016	9/19/2016	CBI	(G) Additive for household products.	(G) Trialkylol homopolymer.
SN-16-0011 ..	6/22/2016	9/21/2016	CBI	(S) Component of infrared absorption material.	(G) Cesium tungstate.
SN-16-0012 ..	6/22/2016	9/20/2016	CBI	(S) Additive for flotation products; (S) Chemical intermediate.	(G) Fatty acid amidamine.

Authority: 15 U.S.C. 2601 *et seq.*

Dated: October 21, 2016.

Pamela Myrick,

Director, Information Management Division, Office of Pollution Prevention and Toxics.

[FR Doc. 2016-26021 Filed 10-26-16; 8:45 am]

BILLING CODE 6560-50-P

ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OAR-2015-0216; FRL-9954-57-OAR]

RIN 2060-ZA22

Release of Final Control Techniques Guidelines for the Oil and Natural Gas Industry

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of availability.

SUMMARY: The Environmental Protection Agency (EPA) is announcing the availability of a final document titled, “Control Techniques Guidelines for the Oil and Natural Gas Industry” (EPA 453/B-16-001). This Control Techniques Guidelines (CTG) document provides state, local, and tribal air agencies (air agencies) information to assist them in determining reasonably available control technology (RACT) for volatile organic compound (VOC) emissions from select oil and natural gas industry emission sources.

DATES: This CTG document is effective October 27, 2016.

ADDRESSES: The final “Control Techniques Guidelines for the Oil and Natural Gas Industry” document is available primarily via the Internet at <http://www.epa.gov/airquality/oilandgas/index.html> or <https://www.epa.gov/laws-regulations/significant-guidance-documents-air> or the public docket at <http://www.regulations.gov>, Docket ID No. EPA-HQ-OAR-2015-0216.

FOR FURTHER INFORMATION CONTACT: Ms. Charlene Spells, U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Sector Policies and Programs Division (E143-05), Research Triangle Park, NC 27711; telephone number: (919) 541-5255; fax number: (919) 541-3470; email: spells.charlene@epa.gov.

SUPPLEMENTARY INFORMATION:

Information About the Document

Section 172(c)(1) of the Clean Air Act (CAA) provides that State Implementation Plans (SIP) for nonattainment areas must include RACT, including RACT for existing sources of emissions. Section 182(b)(2)(A) of the CAA requires that for areas designated nonattainment for an ozone national ambient air quality standard (NAAQS) and classified as Moderate, states must revise their SIP to include provisions to implement RACT for each category of VOC sources

covered by a CTG document issued between November 15, 1990, and the date of attainment. CAA section 182(c) through (e) applies this requirement to states with areas designated nonattainment for an ozone NAAQS classified as Serious, Severe, and Extreme.

The CAA also imposes the same requirement on states in Ozone Transport Regions (OTR). Specifically, CAA section 184(b) provides that states in the OTR must revise their SIP to implement RACT with respect to all sources of VOC in the state covered by a CTG document issued before or after November 15, 1990. CAA section 184(a) establishes a single OTR comprised of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and the Consolidated Metropolitan Statistical Area (CMSA) that includes the District of Columbia.

The EPA defines RACT as “the lowest emission limitation that a particular source is capable of meeting by the application of control technology that is reasonably available considering technological and economic feasibility” (44 FR 53761, September 17, 1979). In subsequent notices, the EPA has addressed how states can meet the RACT requirements of the CAA. The EPA developed this CTG document to provide air agencies information to assist them in determining what types of