

**Changes to
EPCRA, CERCLA, CAA 112(r) Consolidated List of Lists
USEPA Office of Emergency Management
March 2015**

The following are the changes made to the *EPCRA, CERCLA, CAA 112(r) Consolidated List of Lists* from the preceding October 2012 version.

Changes to Introductory Text

Page ii under TPQ paragraph. Corrected the reducing factors used to apply the quantity of EPCRA EHS to its TPQ. The correct factors are 0.3 for molten solids and 0.2 for solids in solution. The factors of 0.3 and 0.2 were mistakenly transposed in the sentence that explained that they were not to be used for the 12 solid reactive chemicals noted with footnote “a” in Appendix A and B in 40 CFR part 355.

Page iii under CERCLA Hazardous Substances- Sulfur Monochloride paragraph. Added text: *Sulfur monochloride (formula S₂Cl₂) is listed with an incorrect CAS number of 12771-08-3, which is found on the CERCLA Hazardous Substances list. The correct CAS number should be 10025-67-9, however, the List of Lists will still include the CAS number of 12771-08-3 because it has not been changed on the CERCLA list. According to the Chemical Abstract Services which assigns CAS numbers, the correct CAS number for sulfur monochloride is 10025-67-9, which is now included on the List of Lists with an explanatory footnote.*

CAS number 12771-08-3 is assigned to the substance sulfur chloride (formula SCl) which was listed as a synonym for sulfur monochloride when EPA finalized the Clean Water Act Designation of Hazardous Substances rule (43 FR 10474, March 13, 1978). The CAS number 10025-67-9 is used for sulfur monochloride on EPA’s TSCA Inventory and EPA’s Substance Registry Services lists.

Page iv under Section 313 paragraph. Added explanation: *The “X” listed with the chemical name “Ammonia (anhydrous)” and “Ammonia (concentration of 20% or greater)” does not meet that the Section 313 reporting for these substances are limited to those forms, but it does include them.*

Page v. Added new paragraph: ***New TRI Chemical, o-Nitrotoluene.** On November 7, 2013, the chemical o-Nitrotoluene (CAS number 88-72-2) to the TRI list (78 FR 66848). The action is effective for the 2014 TRI reporting year with the first reports due from facilities by July 1, 2015. For more information, see <http://www2.epa.gov/toxics-release-inventory-tri-program/addition-ortho-nitrotoluene-final-rule>*

Page v. Added new paragraph: ***New TRI Category, Nonylphenols.** On September 20, 2014, the category of Nonylphenol (Category code N530) was added to the TRI chemical list (79 FR 58686). The action is effective for the 2015 TRI reporting year with the first reports due from facilities by July 1, 2016. For more information, see <http://www2.epa.gov/toxics-release-inventory-tri-program/addition-nonylphenol-category-final-rule>. The nonylphenol category*

covers six specific chemicals identified by chemical name and CAS number. These chemicals are included in the CAS order listing on this consolidated list, although chemicals belonging to these categories are reportable under section 313 by category, rather than by individual chemical name. The symbol “\$” following the “313” notation in the section 313 column identifies nonylphenols, as noted in the Summary of Codes.

Page v and vi. Updated all Web links to TRI information.

Page vi. Second paragraph under (5) **Chemical Categories.** Added *nonylphenol* as another EPCRA section 313 category whose members are included in the list of specific chemicals by CAS number, not in the category listing.

Changes to list of chemicals tables in CAS Number order chemical list and Appendix A (Alphabetical order) chemical list

- For o-Nitrotoluene (CAS number 88-72-2), added a “313” to the Section 313 column because was added to the TRI list on November 7, 2013 (78 FR 66848).
- Hydrogen sulfide CAS number was corrected to 7783-06-4, had been mistakenly listed as 7783-07-5.
- Hydrogen selenide CAS number was corrected to 7783-07-5, had been mistakenly listed as 7783-35-9.
- Phosphorous trichloride CAS number was corrected to 7719-12-2, had been mistakenly listed as 7720-78-7. The CAS number for phosphorous trichloride (different spelling) was already correct and was not changed.
- Antimony pentachloride CAS number was corrected to 7647-18-9, had been mistakenly listed as 7647-01-0.
- Hydrogen selenide CAS number was corrected to 7783-07-5, had been mistakenly listed as 7783-35-9.
- Hydrogen sulfide CAS number was corrected to 7783-06-4, had been mistakenly listed as 7783-07-5.
- Phosphorus Trichloride CAS number was corrected to 7719-12-2, had been mistakenly listed as 7720-78-7.
- Potassium bromate CAS number was corrected to 7758-01-2, had been mistakenly listed as 7758-29-4.
- Sodium Arsenate CAS number was corrected to 7631-89-2, had been mistakenly listed as 7601-54-9.
- Sodium chromate CAS number was corrected to 7775-11-3, had been mistakenly listed as 7778-39-4.
- Sodium phosphate, tribasic with CAS number 7758-29-4 was deleted because this is not a valid CAS number for this chemical. Three listings for sodium phosphate, tribasic with other CAS numbers remain on the list.

- Added footnote for sulfur monochloride, CAS number 12771-08-3, in both alphabetical and CAS number lists: “CAS Number should be 10025-67-9. See introduction for further explanation.” Added an entry for sulfur monochloride with CAS number 10025-67-9 with this footnote: “This is correct CAS number, but not the same CAS number used on the CERCLA list. See Introduction for further explanation.”
- Spelling of Vandium CAS number 7440-62-2 was corrected to Vanadium.
- Added a separate listing for the listed Section 313 ammonia as “Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing).”
- Deleted the 1000 lbs. CERCLA RQ reported in the tables for “Ammonia (concentration of 20% or greater)” with CAS 7664-41-7 and replaced it with the notation “See Ammonium Hydroxide.” This 1000 lbs. RQ is not limited to an ammonia concentration of 20% or higher in solutions and applies to the CERCLA listing of ammonium hydroxide with CAS 1336-21-6, which is aqueous ammonia solution. The qualifier of “concentration of 20% or greater” is only applicable to the aqueous ammonia on the RMP CAA 112(r) list.
- Changed the “313” designation for ammonium hydroxide CAS number 1336-21-6 to “X” under the Section 313 column, because it is not the Section 313 listed name, only a synonym. Ammonium hydroxide is the CERCLA listed name. The “X” designation indicates that this name may be a synonym used for a Section 313 chemical. Ammonium hydroxide is aqueous ammonia solution, which is reportable under Section 313, but subject to the ammonia listing qualifier conditions, which are now shown in the new separate ammonia listing for Section 313.
- Added the category “Nonylphenol (includes only 6 chemicals)” with category code of N530 and a “313” designation in the Section 313 column. Added six nonylphenols with their CAS numbers (listed below) as Section 313 (TRI) chemicals with a “313\$” designation in the Section 313 column, which indicates that they are reportable by category (nonylphenols) rather than by individual chemical name.

CAS Number	Nonylphenol Name
104-40-5	4-Nonylphenol.
11066-49-2	Isononylphenol.
25154-52-3	Nonylphenol.
26543-97-5	4-Isononylphenol.
84852-15-3	4-Nonylphenol, branched.
90481-04-2	Nonylphenol, branched.

Changes to Appendix D – TRI Chemical Categories

- Updated Web links to TRI documents and guidance.
- Added nonylphenol category with six specific nonylphenol chemicals and their CAS numbers.

N530 Nonylphenol. This category was added to the TRI chemical list in September 2014. Facilities that meet TRI reporting thresholds for nonylphenol should begin collecting release information on January 1, 2015 (reporting forms due July 1, 2016). Category Code has not yet been assigned.

CAS Number	Nonylphenol Name
104-40-5	4-Nonylphenol.
11066-49-2	Isononylphenol.
25154-52-3	Nonylphenol.
26543-97-5	4-Isononylphenol.
84852-15-3	4-Nonylphenol, branched.
90481-04-2	Nonylphenol, branched.

- Deleted duplicate listings of two chemical categories: 1) Warfarin and salts and 2) Zinc Compounds.