

TSCA First Ten Chemicals Product Examples

Methodology

We found these examples of products containing the first 10 chemicals EPA will evaluate under the reformed Toxic Substances Control Act (TSCA). These were identified through two primary methods. First, we used Google to search for MSDS sheets listing the relevant chemicals—typically using the CAS number and limiting the search to PDF documents (e.g. using the search term “cas “81-33-4” filetype:pdf”). Second, we identified examples and product categories by searching EPA’s [CPCat: Chemical and Product Categories](#) database, again typically using the CAS number.

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Trichloroethylene

Uses: Dry cleaning, consumer, commercial, and industrial degreasers

Royaltone Spot Magic

Example of product available from dry cleaning supplier

From Website: http://www.royaltone.com/dry_cleaning_spotters.asp

MSDS: <http://www.royaltone.com/MSDS/msdsSpotMagic.pdf>

“Works on oil base stains like tar, shoe polish, wax, Paint, varnish, rubber, resins, cosmetics, oxidized oils and grease. No rings, no streaks, no swales, no graying. Dry Clean Only (Hazardous Shipping charges apply)”



Chemdry Commerical Dry Cleaning Spot Cleaner

Example of product available from dry cleaning supplier

<http://www.garlandsupply.com/dry-cleaning-chemicals/chembrite-chemicals/chemdry.html>

MSDS: http://www.nortonsupply.com/msds/chembrite/ChemDry_MSDS.pdf

From Website:

“An effective dry volatile spotting agent for use on dry or greasy pick-up soil or stains. It is ideal for touch-up work and for other post-spotting as it dries quickly and completely. It feathers out easily and leaves no residual odor. For touch-up spotting: Apply ChemDry to stain with clean gauze or tip of spotting brush. Rub lightly with gauze or tamp with brush. Feather the area to avoid ring formation by working from center of the stain out to dampened edge or on the board with vacuum and air. Unidentified stains: Mix two parts of ChemBrite Spray Spotter with one part of ChemDry to safely remove this stain.”



Nutri (Trichloroethylene) Carpet Cleaner

“Ready-to-use carpet cleaner”



Website:

https://worldwidejanitor.com/index.php?main_page=product_info&products_id=241&cpath=110_67&clid=CLeQ76bVI9ECFVdMDQodeHQPEA&zenid=6f2f2035476ceb625c1df86bd1d9c6a7

From Website “Ideal for use in homes, office buildings, schools, hotels, theaters, and other public buildings.”

Nilodor D-1 Spotter

Example of carpet cleaning product available from janitorial supplier

Website:

<https://www.herculesandherculesinc.com/catalog/p/NILOC320007/Nilodor-Volatile-Dry-Spotter-D-1-Pt/>

MSDS: http://www.jondon.com/media/pdf/msds_docs/MS-CP-VS.pdf

From Website “A solvent spotter for removing asphalt, grease, tar, wax, glue, floor wax, crayon and some inks. Can be used as a pre-spotter and a post-spotting agent.”



Sprayway C-60

Example of degreaser product available to consumers through major retail outlets.

<https://www.walmart.com/ip/Sprayway-C-60-Solvnt-Clnr-Degreasr-16Oz-Ea/19662712>

MSDS: <http://www.spraywayinc.com/sites/all/themes/theme687/msds/sw064.pdf>

From website:

Removes oil and grease stains, ink, and fresh paints easily

Very effective for cleaning oily and greasy parts while servicing, repairing, or replacing them

- Can be used on metal parts prior to painting or soldering
- Will not short motors, generators, compressors, condensers,
- or other electrical equipment Source: spraywayinc.com



Tetrachloroethylene

Perc is heavily used by the dry cleaning industry, used by 70% of dry cleaners,¹ according to the manufacturers' industry association: <http://www.hsia.org/uses.asp>. Perc is also found in consumer and commercial uses.

Examples of aerosol degreasers available online

Lectra Clean® Heavy Duty Electrical Parts Degreaser

<https://www.amazon.com/CRC-Lectra-Electrical-Degreaser-Aerosol/dp/B007Q1AB5U>

MSDS: <http://www.crcindustries.com/faxdocs/msds/2018.pdf>

From website: "Recommended for the effective removal of grease, oil, corrosion, sludge and other contaminants from electric equipment such as electric motors, armatures, relays, electric panels, or generators."

Reviews from Amazon.com:

5.0 out of 5 stars It's also an amazing bug killer

By Amazon Customer on June 2, 2016

I always keep a couple cans of this handy. It's also an amazing bug killer. It will kill any fly, wasp or nuisance bug almost instantly upon contact. Put the small red tube in and you've got about 8 feet of accurate Armageddon for our insect friends.

5.0 out of 5 stars Best I have ever used

By Audiophile1150 on October 30, 2014

Exceptional degreaser. I have used this product for many years, not only as an electrical degreaser, but for degreasing and cleaning automotive bearings, marine propeller shafts, or anywhere you need to thoroughly clean old grease from a surface in preparation for re-greasing or oiling. Best I have ever used. Dissolves and flushes virtually any oil or grease. Care must be taken to avoid contact with or splashing on many plastic surfaces as it can dissolve them also.



¹ TURI has prepared an analysis of alternatives to PERC in dry cleaning, available here: http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/Fact_Sheet_-_Alternatives_to_Perchloroethylene_Used_in_Professional_Garment_Care

Loctite Parts Cleaner, 19 Oz Aerosol, Clear [Henkel]

<https://www.amazon.com/Parts-Cleaner-19-Aerosol-Clear/dp/B00FX80CN4>

MSDS: <http://complyplus.grainger.com/grainger/msds.asp?sheetid=4093304>

Noted by one retailer [grainger.com]:

This item has been restricted from sale in the following countries: Andorra, United Arab Emirates, Afghanistan, Antigua and Barbuda, Anguilla, Albania, Armenia, Angola, Antarctica, Argentina, Austria, Australia, Aruba, Azerbaijan, Bosnia and Herzegovina, Barbados, Bangladesh, Belgium, Burkina-Faso, Bulgaria, Bahrain, Burundi, Benin, Bermuda, Brunei Darussalam, Bolivia, Bonaire, Saint Eustatius and Saba, Brazil, Bahamas, Bhutan, Bouvet Islands, Botswana, Belarus, Belize, Canada, Cocos Islands, The Democratic Republic of the Congo, Central African Republic, Congo, Switzerland, Ivory Coast, Cook Islands, Chile, Cameroon, China, Colombia, Costa Rica, Cuba, Cape Verde, Curacao, Christmas Island, Cyprus, Czech Republic, Germany, Djibouti, Denmark, Dominica, Algeria, Ecuador, Estonia, Egypt, Western Sahara, Eritrea, Spain, Ethiopia, Finland, Fiji, Falkland Islands, Federated States of Micronesia, Faroe Islands, France, Gabon, United Kingdom, Grenada, Georgia, French Guiana, Bailiwick of Guernsey, Ghana, Gibraltar, Greenland, Gambia, Guinea, Guadeloupe, Equatorial Guinea, Greece, S. George & S. Sandwich Islands, Guatemala, Guinea-Bissau, Guyana, Hong Kong, Heard and McDonald Islands, Honduras, Croatia, Haiti, Hungary, Indonesia, Ireland, Israel, Isle of Man, India, British Indian Ocean Territory, Iraq, Iran, Iceland, Italy, Bailiwick of Jersey, Jamaica, Jordan, Japan, Kenya, Kirghizia, Cambodia, Kiribati, Comoros, St. Kitts and Nevis, North Korea, South Korea, Kuwait, Cayman Islands, Kazakhstan, Laos, Lebanon, St. Lucia, Liechtenstein, Sri Lanka, Liberia, Lesotho, Lithuania, Luxembourg, Latvia, Libya, Morocco, Monaco, Moldavia, Republic of Montenegro, Saint Martin, Madagascar, Republic of the Marshall Islands, Macedonia, Mali, Myanmar, Mongolia, Macau, Northern Mariana Islands, Martinique, Mauritania, Montserrat, Malta, Mauritius, Maldives, Malawi, Malaysia, Mozambique, Namibia, New Caledonia, Niger, Norfolk Islands, Nigeria, Nicaragua, Netherlands, Norway, Nepal, Nauru, Niue Islands, New Zealand, Oman, Panama, Peru, French Polynesia, Papua New Guinea, Philippines, Pakistan, Poland, St. Pierre and Miquelon, Pitcairn Islands, Palestinian Territory, Portugal, Paraguay, Qatar, Reunion, Romania, Republic of Serbia, Russian Federation, Rwanda, Saudi Arabia, Solomon Islands, Seychelles, Sudan, Sweden, Singapore, Saint Helena, Slovenia, Svalbard, Slovakia, Sierra Leone, San Marino, Senegal, Somalia, Suriname, Republic of South Sudan, Sao Tome and Principe, El Salvador, Country of Sint Maarten, Syria, Swaziland, Turks and Caicos Islands, Chad, French Southern Territories, Togo, Thailand, Tajikistan, Tokelau Islands, Democratic Republic of Timor-Leste, Turkmenistan, Tunisia, Tonga, Turkey, Trinidad and Tobago, Tuvalu, Taiwan, Tanzania, Ukraine, Uganda, American Minor Outlying Islands, Uruguay, Uzbekistan, Vatican City, St. Vincent and the Grenadines, Bolivarian Republic of Venezuela, British Virgin Islands, Vietnam, Vanuatu, Wallis and Futuna Islands, Western Samoa, Kosovo, Yemen, Mayotte, Yugoslavia, South Africa, Zambia and Zimbabwe.



This item has been restricted from sale in the following states: CT, DC, DE, MA, MD, ME, NH, NJ, NY, PA, RI, VA and VT

1-Bromopropane

Examples of carpet spot cleaner targeted at commercial cleaners, available online

Trounce Spot Cleaner

Website: <http://www.dscprod.com/trounce.html>

MSDS: <http://dscprod.com/sds2016/SDS-Trounce-rev1.0.pdf>

Triagen Industrial Metal Cleaner

Website: <http://www.ecolink.com/products/prodpages/triagen/>

MSDS: http://www.ecolink.com/wp-content/uploads/triagen-a_msd.pdf

From MSDS:

Health Hazards: TRIAGEN is an industrial chemical. We call it “environmentally preferred” because it is intended to replace products that are more hazardous, (1,1,1 trichloroethane, mineral spirits, MEK, etc.).

From website:

TRIAGEN aerosol is a drop-in replacement for 1,1,1 Trichloroethane (TCA) and Trichloroethylene (TCE). Originally developed as a replacement for chlorinated solvents used in vapor degreasing, Ecolink offers this n-Propyl Bromide (n-PB) based material in aerosol, as well as bulk form, for use as a spot maintenance solvent.

Zipp II

Example of degreaser sold to plumbing trades available online

<http://www.rectorseal.com/web-media/Zipp-two.html>

MSDS: <http://www.rectorseal.com/web-media/Zipp-two.html>

From website: “an environmentally safer version of Zipp”



LPS No Flash

Example of consumer electro contact cleaner available online

Website: <https://www.amazon.com/LPS-04016-NOFLASH-Electro-Contact-Cleaner/dp/B000CCNPXK>

MSDS: http://www.lpslabs.com/site_files/tech_downloads/14016.pdf

From website:

FEATURES:• Non-flammable precision cleaning• Unique alternative to HCFC cleaners• Does not contain chlorinated solvents• Non-conductive• Fast evaporation• Quick penetration• No rinsing and no residue• Safe to use on most surfaces, but may be harmful to some plastics• NSF® registered category K2 registration #131303• Inverta Spray ValveSPECIFICATIONS:• Specific Gravity: 1.304 @ 77 F (25 C)• KB Value: 80• % Non-volatiles: 100 ppm maximum• Dielectric strength and breakdown voltage: 9,000 Volts• Propellant: HFC - 134a



NCF-2 Hot 2oz spray pump CA glue accelerator

Example of consumer adhesive accelerant product

http://www.caglu.com/NCF-2-bHot-2ozb-spray-pump-CA-glue-accelerator_p_29.html

MSDS: http://www.caglu.com/assets/msds/NCF_Hot_and_Mild.pdf

From Website:

The NCF Hot is an extremely fast-acting accelerator. NCF Hot dramatically decreases the curing time of the glue and forces the glue to cure when it wouldn't otherwise. This accelerator is active for several minutes, so you can spray several pieces at once if you are making multiple bonds. NCF Mild and Hot are generally not suitable for use with white foam. NCF-2 is a 2oz bottle with a plastic spray pump.



ZEP Power Solv 5000 Degreaser

Example of degreaser product for automotive use, mainly commercial

Website: <http://www.apmengineparts.com/002101.html>

MSDS: http://webfiles.acuitysp.com/msds/0021_1_EN1_CDN.PDF

Description from website: <http://www.apmengineparts.com/002101.html> (auto supply website)

BENEFITS: A heavy-duty solvent degreaser and brake parts cleaner. Its powerful jet spray instantly removes and flushes away oil, grease, brake fluid, asbestos dust and other soil. Does not contain chlorinated solvents or any Class I or Class II Ozone Depleting Compounds.



Cleans and evaporates rapidly. Dries ignition points and cleans contact points. May also be used on diesel and internal combustion engines, marine motors and power tools, as well as refrigeration and air conditioning equipment. Non-flammable and non-conducting up to 13,800 volts. Also available in liquid form.

Use as alternative to PERC for commercial dry cleaners

FabriSolv Dry Cleaning Agent

<http://www.fabrisolv.com/products/fabrisolv.html>

MSDS: <http://www.nyc.gov/html/dep/pdf/air/msds/fabrisolv-xl.pdf>

From website:

Fabrisolv™ XL is a dry-cleaning fluid especially engineered to replace PERC in dry-cleaning application; it is non-hazardous, non-flammable, user friendly, and environmentally sound.



Zep Nu Tri Clean

Website: <http://www.zep.com/>

MSDS: <https://sds.zepinc.com>



CRC Super Degreaser

Example of degreaser products available to consumers online

<https://www.amazon.com/CRC-Super-Degreaser-Cleaner-Aerosol/dp/B000LEZ8SO>

MSDS: <http://www.crcindustries.com/faxdocs/msds/3110.pdf>



HBCD

Carseats

Example of use in child car seats

Two car seats tested by Ecology Center in recent report:

<http://www.ecocenter.org/healthy-stuff/pages/download-print-report-graphics>

<https://www.amazon.com/RECARO-ProRIDE-Convertible-Seat-Misty/dp/B00V851WWQ?th=1>

1. <https://www.amazon.com/Chicco-Keyfit-Infant-Seat-Lilla/dp/B00MS9VTG0>



Isulfoam

Example of use in insulating foam sold by major retailer

<http://www.homedepot.com/p/R-Tech-Insulfoam-3-4-in-x-2-ft-x-4-ft-R-2-89-Insulating-Sheathing-321354/202524151>

MSDS: https://www.menards.com/main/items/media/INSUL004/SDS/SDS_Molded_EPS.pdf

1,4-Dioxane

Kodak Professional Film Cement

Used for splicing film. Only sold in limited places now.

Film Cement: <https://www.christys.net/product/kodak-film-cement/>

MSDS (archived):



https://webcache.googleusercontent.com/search?q=cache:TZNkHgCoA5gJ:https://www.freestylephoto.biz/pdf/msds/kodak/Kodak_Film_Cement.pdf+&cd=1&hl=en&ct=clnk&gl=us

Lube-Lok 4253

Very specialized "low-friction coating" marketed to for use with Mechanical Components, Industrial Machinery and Equipment, Aerospace/Defense and Automotive uses.

Website: <http://www.everlubeproducts.com/products/docs/tds/LubeLok4253TDS.pdf>

MSDS: <http://www.everlubeproducts.com/products/docs/msds/LubeLok4253MSDS.pdf>

Pigment Violet 29

Utrecht water color Permanent Violet

<http://www.utrechtart.com/Utrecht-Artists--Watercolor-Paint--Permanent-Violet-MP-01766-033-i1001249.utrecht>

MSDS: <http://images.utrechtart.com/Content/pdf/MSDS/UtrechtArtistsWatercolors.pdf>

BASF Color Additives

http://worldaccount.pu.basf.eu/wa/SA~en_US/Catalog/Pigments/pi/BASF/Brand/paliogen

MSDS: http://www2.basf.us/additives/pdfs/Paliogen_Redviolet_K5011.pdf

Various other colors: <http://artiscreation.com/violet.html#PV29>



Carbon Tetrachloride

Mostly industrial. Some consumer products:

Loctite Plastic Bonding System

Example of consumer adhesive available from major retailers/suppliers

<http://www.homedepot.com/p/Loctite-2g-Plastics-Bonding-System-681925/100371829>

<http://henkelconsumerinfo.com/products/henkel.datasheets.DownPdf.pdf?BUSAREA=0006&VKORG=3450&MATNR=1442491&RECNDH=20257403&ACTNDH=0&LANG=EN&COUNTRY=US>



Methylene Chloride

Goof-Off Paint Stripper

Commonly available paint stripper

Website: <https://www.lowes.com/pd/Goof-Off-1-Quart-Semi-Paste-Multi-Surface-Paint-Remover/50298089>

MSDS: http://www.gooffproducts.com/uploads/general/FG763_SDS-105.32E.pdf



Jasco Premium Paint Stripper

Commonly available paint stripper

Website: <http://www.homedepot.com/p/Jasco-1-gal-Premium-Paint-and-Epoxy-Remover-GJBP00203/202310300>

MSDS: http://www.jasco-help.com/uploads/documents/GJBP00203_SDS-4015.34E.pdf



Zinsser Power Stripper by Rust-Oleum

Commonly available paint stripper

<https://www.rustoleum.com/product-catalog/consumer-brands/zinsser/paint-strippers-and-graffiti-removers/power-stripper>

MSDS: <http://www.rustoleum.com/MSDS/ENGLISH/42001.pdf>



Zipp DeGreaser

PERC-Based Degreaser with Methylene Chloride as ingredient

(See "Zipp II" formulation above)

Website: <http://www.rectorseal.com/zipp/>

MSDS: <http://www.rectorseal.com/web-media/Zipp.html>



N-methylpyrrolidone

Rust-Oleum Satin Polyurethane

Polyurethane wood seal

Website: <http://www.lifeandhome.com/rust-oleum-260172-ultimate-polyurethane-1-gallon-satin.html>

MSDS: <http://www.rustoleum.com/MSDS/ENGLISH/260172.pdf>



Zinsser Magic Strip by Rust-Oleum

From website: "Safe for indoor and outdoor use; Low-odor, pleasant citrus scent"

Website: <https://www.rustoleum.com/product-catalog/consumer-brands/zinsser/paint-strippers-and-graffiti-removers/magic-strip-citrus-action-gel>

MSDS: <http://www.rustoleum.com/MSDS/ENGLISH/42104.pdf>



Ready-Strip Safer Paint & Varnish Remover by Back to Nature

From website: "Safer Paint and Varnish Remover and Environmentally Friendly"

<http://www.homedepot.com/p/Ready-Strip-1-gal-Safer-Paint-and-Varnish-Remover-and-Environmentally-Friendly-RS01/100665920>

MSDS: http://media.lifeandhome.com/media/downloads/13303/40375926_MSDS.pdf



Asbestos

No new products were found that list asbestos as an ingredient; however, after-market brake pads likely to contain asbestos were relatively easy to find. A 2007 report by the California Air Resources Board also noted that it was easy to find aftermarket and older brake pads containing asbestos:

<https://www.arb.ca.gov/research/apr/past/01-333.pdf>

Using the same product codes that the California report found as likely to contain asbestos, the brake pads pictured on this page were purchased at this website:

<http://www.rockauto.com/en/moreinfo.php?pk=3587412&jsn= GIP 3>

Note that the website does not note that the brake pads contain asbestos, but the box does include a warning label. The brake pads arrived in a cardboard "shoe box," loose and unwrapped essentially as pictured.



According to the Motor & Equipment Manufacturers Association (MEMA), asbestos is still used in imported brake pads: <https://www.mema.org/mema-pushes-epa-designate-asbestos-high-priority-under-toxic-substance-control-act-0>

