TSCA Inventory? (Y/N - student ck)	TURA List? (If Y, not in category)	2015 Tier II	CAS/Chemical Number	Chemical Name	chemical formula (Yellow highlighting = multiple halogens could be substituted to create other possible substances)	Uses (SOURCES:HAZMAP, NJDHSS, Wikipedia, TSCA CDR) [In process, NOT QCd]								
						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
Y	Y		156-60-5	trans-1,2-Dichloroethylene	C2H2Cl2	Y								used in MicroCare PowerClean II PW2 electronics applications solvent (replacement for nPB) http://www.microcare.com/p-64-powerclean.aspx; Used as a solvent and chemical intermediate; [ACGIH] Used as a refrigerant, degreaser, dry cleaning agent, and solvent
Y	Y		**106-93-4**	**1,2-Dibromoethane**	C2H4Br2	Y	Y			y				Used as a fumigant, a solvent, a scavenger for lead in leaded gasoline, and an intermediate in organic synthesis; no longer used in the United States as a soil or grain fumigant; [ACGIH]
CDR 2015	Y		106-94-5	n-propyl bromide (1-bromopropane)										
Y	Y		**107-05-1**	**Allyl chloride**	C3H5Cl									Used in the manufacture of organic chemicals; [ACGIH]
TRI/CDR	Y		**107-06-2**	**1,2-Dichloroethane**	C2H4Cl2	Y	Y			y				Used in organic synthesis; used in the past as a solvent, degreaser, paint remover, and fumigant; [ACGIH] Has been used as a dry cleaning agent and solvent for degreasing, resins, adhesives, coasmetics, and pharmaceuticals; [HSDB]
TRI/CDR	Y		116-14-3	Ethene, tetrafluoro-	C2F4									Used to produce polytetrafluoroethylene polymers (Teflon); [ACGIH]
Y	Y		**126-99-8**	**Chloroprene**	C4H5Cl									Used to manufacture synthetic rubber (neoprene and polychloroprene latex); [ACGIH]
TRI/CDR/P2	Y		**1717-00-6**	**1,1-Dichloro-1-fluoroethane**	C2H3Cl2F	Y								Used for foam blowing, cleaning solvent, and refrigerant gas; [HSDB] Used to degrease and to clean soldering flux from printed circuit boards; [AIHA]
Y - being phased out	Y		**2837-89-0**	**2-Chloro-1,1,1,2-tetrafluoroethane**	C2HClF4									Used as a foam blowing agent and refrigerant; [eChemPortal: SIDSUNEP] See note at bottom of sheet re: exemption for use of HCFC-124 in inventory as of Jan 2015 as a sterilant for testing biological indicators.
TRI/CDR/P2	Y		2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane	C_2HF_4Cl									
TRI/CDR/P2	Y		**306-83-2**	**2,2-Dichloro-1,1,1-trifluoroethane**	C2HCl2F3	Y								Used as a refrigerant in air conditioners, a fire extinguisher, a foam blowing agent, and a metal cleaner; [HSDB] Developed as a chlorofluorocarbon replacement; [AIHA]

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
TRI/CDR/P2	Y		**354-25-6**	**1-Chloro-1,1,2,2-tetrafluoroethane**	C2HClF4	Y								Used as alternatives to CFCs in applications such as refrigerants, blowing agents, cleaning agents, and fire extinguishers; [HSDB]
TRI/CDR/P2	Y		**422-56-0**	**3,3-Dichloro-1,1,1,2,2-pentafluoropropane**	C3HCl2F5									Cleaning agent replacement for CFC 113 -HCFC-225 banned from mfr and import into US effective Jan 1, 2015 ozone depleter; see note at bottom of sheet re: exemption for material in inventory used as solvent
TRI/CDR/P2	Y		**507-55-1**	**1,3-Dichloro-1,1,2,2,3-pentafluoropropane**	C3HCl2F5									Cleaning agent replacement for CFC 113. -HCFC-225 banned from mfr and import into US effective Jan 1, 2015 ozone depleter; ; see note at bottom of sheet re: exemption for material in inventory used as solvent
Y	Y		**540-59-0**	**1,2-Dichloroethylene**	C2H2Cl2	Y								Used as a solvent and chemical intermediate; [ACGIH] Used as a refrigerant, degreaser, dry cleaning agent, and solvent for perfumes, adhesives, lacquers, oils, and resins; [HSDB]
Y	Y		**56-23-5**	**Carbon tetrachloride**	CCl_4	Y	Y							Used in the past as dry-cleaning agent and fumigant; Currently used as a chemical intermediate and in small amounts as a spot cleaner; [ACGIH; LaDou, p. 510] Has been used as a metal degreaser, cleaning agent in the semiconductor industry, and a solvent for lacquers, oils, and resins; [HSDB]
TRI/CDR/P2	Y		56-23-5	Carbon tetrachloride (Tetrachlorome	CCl_4									
Y	Y		**563-47-3**	**3-Chloro-2-methyl-1-propene**	C4H7Cl		Y							Used to make insecticides, plastics, pharmaceuticals, and other chemicals; Also used as a fumigant for grains, tobacco, and soil; [Hawley]
TRI/CDR/P2	Y		**630-20-6**	**1,1,1,2-Tetrachloroethane**	C2H2Cl4	Y								Used to make other organic chemicals; [ATSDR ToxFAQs] Used as a solvent; [HSDB]
TRI/CDR/P2	Y		630-20-6	1,1,1,2-Tetrachloroethane	$C_2H_2Cl_4$									
TRI/CDR/P2	Y		**67-66-3**	**Chloroform**	CHCl3	Y								Has been used mainly for extraction and spot cleaning; [LaDou, p. 510] Used mainly in production of chlorodifluoromethane; [CHEMINFO] Uses have included dry cleaning agent and solvent for resins, plasticizers, rubber chemicals, and flavors; [HSDB] It is used as a solvent and to make refrigerants, resins, and
TRI/CDR/P2	Y		**67-72-1**	**Hexachloroethane**	C2Cl6									Used by the military to make "smoke bombs" and by industry to remove air bubbles from molten aluminum; no longer produced in the United States; [ATSDR ToxFAQs]
TRI/CDR/P2	Y		**71-55-6**	**1,1,1-Trichloroethane**	C2H3Cl3 or CH3CCl3	Y								Used for degreasing, cleaning, and thinning; [LaDou, p. 510] Used in photography (film cleaner); [www.ci.tucson.az.us/arthazards/medium.html]; as a solvent and spot cleaner, and in making other chemicals.

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
Y	**Y**		**74-83-9**	**Bromomethane**	CH3Br		Y			Y				Used as a fumigant, and in the synthesis of organic chemicals; no longer used as a refrigerant or fire extinguisher; [ACGIH]
TRI/CDR/P2	Y		**74-87-3**	**Chloromethane**	CH3Cl					Y				Methyl chloride is used as a methylating agent in the synthesis of many organic chemicals. [ACGIH]
Y	Y		**74-88-4**	**Methyl iodide**	CH3I		Pesticide (soil fumigant for strawberries and tomatos)							Used as a methylating agent; used in microscopy because of its high refractive index; [ACGIH]
Y	Y		**74-95-3**	**Methylene bromide**	CH2Br2	Y								Used as a chemical intermediate and a solvent for fats, waxes, and resins; [HSDB]
TRI/CDR/P2	Y		**75-00-3**	**Chloroethane**	C2H5Cl	Y				y				Used as an intermediate in organic synthesis, a solvent, an alkylating agent, a propellant in aerosols, and an anesthetic; [ACGIH]
TRI/CDR/P2	Y		**75-01-4**	**Vinyl chloride**	C2H3Cl					y				The highest exposures to vinyl chloride occurred in polyvinyl chloride polymerization plants during reactor vessel cleaning. [LaDou, p. 478]
TRI/CDR/P2	Y		75-02-5	Ethene, fluoro-	C2H3F					y				Used to produce polyvinyl fluoride, a polymer noted for its strength and weather resistance; [Hawley]
TRI/CDR/P2	**Y**		**75-09-2**	**Dichloromethane**	CH2Cl2	Y	Y							Used as a paint stripper and an extraction solvent; [LaDou, p. 510] Also used as a blowing agent for polyurethane foam and a propellant for insecticides; [ATSDR Medical Management] No longer used as a fumigant in the U.S. [EPA Pesticides]
TRI/CDR/P2	Y		**75-34-3**	**Ethylidene Dichloride**	C2H2Cl2.	Y	Y			y				Used as a chemical intermediate, grain fumigant, and solvent for plastics and oils; in the past, used as an anesthetic; [ACGIH]
Y	Y		**75-35-4**	**Vinylidene chloride**	C2H4Cl2					y				Used as co-monomer in production of polymers for coatings, films, lacquer resins, and flame resistant binders in carpet backing; [ACGIH]
TRI/CDR/P2	Y		75-45-6	Chlorodifluoromethane	$CHClF_2$									

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
TRI/CDR/P2	Y		75-68-3	1-Chloro-1,1-difluoroethane	$C_2H_3F_2Cl$									
TRI/CDR	Y		75-88-7	1-Chloro-2,2,2-Trifluoroethane	$C_2H_2F_3Cl$									
TRI/CDR/P2	Y		**76-01-7**	**Pentachloroethane**	C2HCl5	Y	Y							Used as a metal degreaser, dry cleaning agent, fumigant, and timber drying agent; also used as a solvent for chemicals, resins, and gums; [HSDB]; It is used as a solvent for oil and grease, in metal cleaning, and in the separation of coal from impurities.
TRI/CDR/P2	Y		**76-13-1**	**Freon 113**	C2Cl3F3	Y		y		y				CFC-113 has been used as s solvent (degreasing and dry cleaning), refrigerant, heat transfer liquid, and chemical intermediate; [ACGIH]
TRI/CDR/P2	Y		**76-14-2**	**Dichlorotetrafluoroethane**	C2Cl2F4	Y		y				y		Used as a propellant, refrigerant, and solvent. [ACGIH]
Y	Y		**764-41-0**	**1,4-Dichloro-2-butene**	C4H6Cl2									Used as an intermediate in chemical manufacturing; [HSDB]
Y	Y		**78-87-5**	**1,2-Dichloropropane**	C3H6Cl2	Y	Y							Propylene dichloride is used as a solvent for many different purposes. [ACGIH] Used as a solvent in plastics, resins, fats & oils, metal degreasing, rubber processing, and dry cleaning; Used in past as a soil fumigant; [HSDB]
TRI/CDR/P2	Y		**79-00-5**	**1,1,2-Trichloroethane**	C2H3Cl3	Y				y				Used primarily for synthesis of vinylidene chloride; also used as a solvent in pharmaceutical manufacturing; [ACGIH] Used in lacquers, adhesives, and resins; [HSDB]
TRI/CDR/P2	Y		**79-01-6**	**Trichloroethylene**	C2HCl3	Y								Used extensively form 1920s through 1970s as a degreaser in metal fabrication, but use declined because of concerns about environmental pollution and cancer; TCE used in about 50% of vapor degreasing in 1970s and about 33% in 1980s. Increased EPA regulations in 1990s further limited its use. Other industries using TCE: dry cleaning, textile, electronics, leather, and rubber; Also used in adhesives, drugs, paints, and inks; [Reference #2]
TRI/CDR/P2	Y		**79-34-5**	**1,1,2,2-Tetrachloroethane**	C2H2Cl4	Y				y				Used in synthesis of organic chemicals; used in the past as a solvent for degreasing and extracting; [ACGIH]
Y	Y		**87-68-3**	**Hexachloro-1,3-butadiene**	C4Cl6	Y	Y							Used as a solvent, heat transfer liquid in transformers, and hydraulic fluid; produced as a byproduct of hydrocarbon chlorination processes; [ACGIH] Used as a fumigant in parts of Europe against Phylloxera on grapes; [HSDB]

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
Y	Y		96-18-4	1,2,3-Trichloropropane	C3H5Cl3	Y								Used as a curing agent for polysulfides and a chemical intermediate; [ACGIH] Used as a degreaser, paint remover, and solvent for resins, waxes, and oils; [HSDB]
N	Y		10061-02-6	trans-1,3-Dichloropropene	C3H4Cl2		Y							Used as a soil fumigant and in organic synthesis; [ACGIH]
N	Y		110-57-6	trans-1,4-Dichloro-2-butene	C4H6Cl2		Y							Used to produce pesticides and other chemicals; Also used as a nematocide; [HSDB]
N	Y		111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane	C3HCl2F5									n/f
N	Y		124-48-1	Chlorodibromomethane	CHBr2Cl		Y			y				Used to make other organic chemicals (fire extinguishing agents, aerosol propellants, refrigerants, and pesticides); [HSDB] It is also used for the preparation of phenyldibromochloromethylmercury, which has been used for the generation of bromochlorocarbene. [IARC]
TRI	Y		124-73-2	Dibromotetrafluoroethane	C2Br2F4			y			y			Refrigerant, fire-extinguishing agent, control fluid; [HSDB]
Y	Y		127-18-4	Tetrachloroethylene	C2Cl4	Y								Primary dry cleaning solvent being used today; [Ladou, p. 510] Used in dry cleaning, metal degreasing, as a chemical intermediate, and in typewriter correction fluids; [HSDB]
TRI/P2	Y		127564-92-5	Dichloropentafluoropropane	C3HCl2F5									n/f
TRI	Y		128903-21-9	HCFC-225aa	C3HCl2F5									n/f
TRI	Y		13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane	C3HCl2F5									n/f
TRI	Y		136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane	C3HCl2F5									n/f

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	Y		142-28-9	1,3-Dichloropropane	C3H6Cl2									No known commercial production or sale in the US in 2000; [HSDB]
TRI	Y		1649-08-7	1,2-Dichloro-1,1-difluoroethane	C2H2Cl2F2									A potential substitute for some ozone depleting chlorofluorocarbons; [HSDB]
N	Y		1888-71-7	Hexachloropropene	C3Cl6	Y								Used as a solvent, plasticizer, hydraulic fluid component, and to make uranium tetrachloride; [HSDB]
N	Y		26638-19-7	Dichloropropane	C3H6Cl2	Y	Y							Solvent for pesticide formulations.
N	Y		26952-23-8	Dichloropropene	C3H4Cl2	Y	Y							Various mixtures of dichloropropenes are used as fumigants applied to the soil before crops are planted; Preplant for nematode, disease, insect control on a variety of crops.; Oil and fat solvent; USED ALONE OR IN COMBINATION WITH CHLOROPICRIN, METHYL ISOTHIOCYANATE, AND METHYL BROMIDE FOR SOIL TREATMENT BEFORE
N	Y		34077-87-7	Dichlorotrifluoroethane	C2HCl2F3									The HCFCs are used as alternatives to CFCs in applications such as refrigerants, blowing agents, cleaning agents, and fire extinguishants. /HCFCs/; HCFC-123 /1,1-dichloro-2,2,2-trifluoroethane/ is used as an alternative to CFC-11.
TRI/P2	Y		353-59-3	Bromochlorodifluoromethane	CBrClF2			y			y			It is used as a refrigerant. [NJDHSS] used as fire supressant
TRI	Y		354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane	C2HCl4F									n/f
TRI	Y		354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane	C2HCl4F	Y								The HCFCs are one class of chemicals being used to replace the CFCs. ... CFCs are commonly used as refrigerants, solvents, and foam blowing agents. /HCFC/ [HSDB]
TRI	Y		354-23-4	1,2-Dichloro-1,1,2-trifluoroethane	C2HCl2F3									Drug/Anesthetic (RTECS)
TRI	Y		422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane	C3HCl2F5									n/f
TRI	Y		422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane	C3HCl2F5									n/f

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
TRI	Y		**431-86-7**	**1,2-Dichloro-1,1,3,3,3-pentafluoropropane**	C3HCl2F5									n/f
TRI	Y		**460-35-5**	**3-Chloro-1,1,1-trifluoropropane**	C3H4ClF3									n/f
N	Y		**542-75-6**	**1,3-Dichloropropylene**	C3H4Cl2		Y							Used as a soil fumigant and in organic synthesis; [ACGIH]
N 2012 No	Y		593-60-2	Ethene, bromo-	C2H3-Br					y				Used primarily in the production of flame-retardant polymers; [ACGIH]; It is used as an intermediate in organic synthesis, in making plastics, and in the production of flame resistant polymers.
N	Y		**63938-10-3**	**Chlorotetrafluoroethane**	C2HClF4									The HCFCs are used as alternatives to CFCs in applications such as refrigerants, blowing agents, cleaning agents, and fire extinguishants /HCFCs/
	Y		75-25-2	Bromoform										
	Y		75-27-4	Dichlorobromomethane										
TRI	Y		75-43-4	Dichlorofluoromethane	$CHFCl_2$									
TRI/P2	Y		75-63-8	Bromotrifluoromethane	CF_3Br									
TRI/P2	Y		75-69-4	Trichlorofluoromethane	CCl_3F									
TRI/P2	Y		75-71-8	Dichlorodifluoromethane	CCl_2F_2									
TRI/P2	Y		**75-72-9**	**Chlorotrifluoromethane**	CClF3			y					y	Used as a refrigerant, coolant, dielectic, metal hardener, and etching gas; [HSDB]

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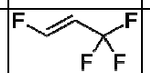
						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
TRI/P2	Y		**76-15-3**	**Monochloropentafluoroethane**	C2ClF5			y				y		CFC-115 has been used as a refrigerant and aerosol propellant; [ACGIH]
N	Y		**78-88-6**	**2,3-Dichloropropene**	C3H4Cl2		Y							Soil fumigant; [ChemIDplus] A copolymer and chemical intermediate in agricultural and pharmaceutical products; [HSDB]
N	Y		**78-99-9**	**1,1-Dichloropropane**	C3H6Cl2	Y	Y							Solvent for pesticide formulations
N	Y		**8003-19-8**	**Dichloropropane - Dichloropropene (mixture)**	C3H6Cl2.C3H4Cl2		Y							The mixture is a pre-plant nematicide effective against nematodes incl root knot, meadow, sting and dagger, spiral and sugar beet nematodes. /Former use/
TRI	Y		**812-04-4**	**1,1-Dichloro-1,2,2-trifluoroethane**	C2HCl2F3									The HCFCs are used as alternatives to CFCs in applications such as refrigerants, blowing agents, cleaning agents, and fire extinguishants /HCFCs/
N	Y		**90454-18-5**	**Dichloro-1,1,2-trifluoroethane**	C2HCl2F3									The HCFCs are used as alternatives to CFCs in application such as refrigerants, blowing agents, cleaning agents, and fire extinguishants /HCFCs/
N	Y		**96-12-8**	**1,2-Dibromo-3-chloropropane**	C3H5Br2Cl		Y							Fumigants (Restricted) All uses except on pineapple plantations in Hawaii canceled in 1979; use on pineapples cancelled in 1985; See 29CFR1910.1044;
CDR (current Honeywell product)	N		102687-65-0	1-Chloro-3,3,3-trifluoropropene		Y		Y	Y					containers and LNG ships; spray foam insulation; insulated metal panels; slabstock and molded flexible foam; refrigerant for chillers; and solvents for metal cleaning and electronics, and circuit flush. https://www.honeywell-blowingagents.com/?document=solstice-lba-technical-brochure&download=1
CDR	N		115-25-3	Octafluorocyclobutane (Perfluorocycl	C_4F_8 or -$(CF_2)_4$- (note: cyclic)			y				y	y	as a deposition gas and etchant.[2] It has also been investigated as a refrigerant in specialised applications, as a replacement for ozone depleting chlorofluorocarbon refrigerants. Exploiting its volatility and chemical inertness, octafluorocyclobutane may be found in some aerosolized foods. It is listed by the Codex Alimentarius under number 946
CDR	N		116-15-4	1,1,2,3,3,3-Hexafluoro-1-propene	C3F6					y				About 90% is used as a monomer in closed systems to produce fluoropolymers, fluoroelastomers, and fluorolubricants; About 10% is used to produce replacement chlorofluorocarbons; [ACGIH] Production of copolymers and hexafluoropropylene oxide.Intermediate.
CDR (current Honeywell product)	N		29118-24-9	1,3,3,3-Tetrafluoropropene				Y	Y			Y		commercial duster and freezer sprays, heat pumps and chillers and various personal care applications HFO-1234ze has zero ozone-depletion potential and a low global-warming potential (GWP = 6).
CDR	N	1	354-33-6	HFC-125	C2HF5	Y		y	y		y			Used as a replacement for chlorofluorocarbons; [HSDB] Used as a refrigerant, fire extinguishing agent, plastic foam blowing agent, and solvent in special applications; [eChemPortal: SIDSUNEP] 26% of Honeywell Solstice® N40 Refrigerant (R-448A)

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
CDR (phased out?)	N		354-58-5	1,1,1-Trichlorotrifluoroethane	$C_2F_3Cl_3$	y				y		y		and use as solvent and an intermediate in the production of 2,3-dichloro-5-trifluoromethylpyridine may result in its release to the environment through various waste streams. The compound is often present in low levels in CFC113 (1,1,2-Trichloro-1,2,2-trifluoroethane). Fully halogenated chlorofluorocarbons (CFCs), such as 1,1,1-trichloro-
CDR	N		359-35-3	1,1,2,2-tetrafluoroethane	C2H2F4				y			y		propellants and blowing agents [PubChem ref: TSCA]
CDR	N		374-07-2	1,1-Dichlorotetrafluoroethane	$C_2F_4Cl_2$			y						refrigerant
CDR	N		406-58-6	1,1,1,3,3-Pentafluorobutane	$C_4H_5F_5$			y						refrigerant or heat transfer fluid compositions (patent WO 2005067555 A2)
CDR	N		420-46-2	1,1,1-Trifluoroethane	$C_2H_3F_3$			y				y		used as a refrigerant either by itself or more commonly as a component of blended mixtures. Trifluoroethane is also used as a propellant in canned air products used to clean electronic equipment. GWP 4300 (Wikipedia)
CDR	N		431-89-0	1,1,1,2,3,3,3-Heptafluoropropane	C_3HF_7						y	y		fire suppression systems in data processing and telecommunication facilities, and in protection of many flammable liquids and gases; non-ODP substitute for Halon. Also an aerosol propellant, HFC-227ea is used in pharmaceutical metered dose inhalers such as those used for dispensing asthma medication.
CDR	N		460-73-1	1,1,1,3,3-Pentafluoropropane	$C_3H_3F_5$				y					used primarily for closed-cell spray foam insulation produced by Honeywell and in Asia by Sinochem.[4] Honeywell markets HFC-245fa under the Enovate and Genetron 245fa brand names
Y 2012 1 co. CBI	N		507-20-0	2-chloro-2-methylpropane	C4H9Cl					y				It is sparingly soluble in water, with a tendency to undergo hydrolysis to the corresponding tert-butyl alcohol. It is produced industrially as a precursor to other organic compounds. (Wikipedia)
N 2012 YES 1 filer CBI innospec	N		557-91-5	1,1-Dibromoethane	C2H2Br2									Research chemical; 1,1 isomer see more common 1,2 dibromoethane, which has been used as a soil and crop pesticide and still used as a fumigant and is also intermediate in making flame retardants.
CDR	N		690-39-1	1,1,1,3,3,3-Hexafluoropropane	$C_3H_2F_6$			y	y	y	y			It is used as a fire suppression agent (Dupont FE-36), a foaming agent, a highly effective refrigerant, a heat transfer medium, a dielectric gas, a sterilant carrier, a polymerization medium, a carrier fluid, a displacement drying agent, a thermodynamic power cycle working fluid, etc. (GWP 6300) (Wikipedia)
Y 2012 1 filer CBI	N		*74-96-4*	*Bromoethane*	C2H5-Br	Y				y				Used in organic synthesis and as a solvent for chemicals and pharmaceuticals; Used in the past as a refrigerant and an anesthetic; [ACGIH]

TSCA Inventory? (Y/N - student ck)	TURA List? (If Y, not in category)	2015 Tier II	CAS/Chemical Number	Chemical Name	chemical formula (Yellow highlighting = multiple halogens could be substituted to create other possible substances)	Uses (SOURCES:HAZMAP, NJDHSS, Wikipedia, TSCA CDR) [In process, NOT QCd]								
						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
Y 2012 1 filer sm quantities toyota	N		75-03-6	Iodoethane	C2H5I					y				n/f
CDR	N	2	75-10-5	Methane, difluoro-	CH2F2			y		y				Used as a refrigerant and to make other chemicals; [Hawley] GWP 675
CDR	N		75-26-3	2-bromopropane	C3-H7-Br	Y				Y				reported by 2 companies in CDR, Albemarle (intermediate) and Vertellus Holdings (no info on use). Isomer of nPB
CDR	N	1	75-37-6	1,1-Difluoroethane	C2H2F2.			y		y		y		Used as a chemical intermediate, refrigerant, and propellant; [HSDB]
CDR	N	1	75-38-7	1,1-Difluoroethene	C2H4F2					y				Used in the production of polyvinylidene fluoride polymers and elastomers; [HSDB] It is used in the manufacture of polymers, co-polymers and chemical intermediates. [NJDHSS]
CDR	N		754-12-1	2,3,3,3-Tetrafluoropropene	$C_3H_2F_4$			y						20% of Honeywell Solstice® N40 Refrigerant (R-448A), a blend including an HFO mobile air conditioning,vending machines and refrigerators. https://www.honeywell-refrigerants.com/americas/?document=2008-purdue-conference-low-gwp-refrigerants&download=1
CDR	N	2	75-46-7	Methane, trifluoro-	CHF3	y		y	y	y	y			Used as a refrigerant, fire extinguishing agent, blowing agent for polyurethane foams, and intermediate in chemical production; Consumption patterns: REFRIGERANTS, 39%; FOAM BLOWING AGENTS, 14%; SOLVENTS, 14%; FLUOROPOLYMERS, 14%; STERILANT GAS, 2%; AEROSOL PROPELLANTS, 2%; FOOD FREEZANT, 1%;
CDR	N	3	75-73-0	Carbon tetrafluoride	CF_4			Y					Y	Used as a low temperature refrigerant (NJDHSS)
CDR	N		76-16-4	Ethane, hexafluoro-	C2F6			y				y		Used as dielectric, coolant, aerosol propellant, and refrigerant; [Hawley]
CDR	N		76-19-7	Octafluoropropane	C_3F_8			y	y				y	etching material for SiO2 layers in semiconductor applications octafluoropropane may compose the gas cores of microbubble contrast agents used in contrast-enhanced ultrasound and in retina surgery component of R-218 refrigerant (Wikipedia)
CDR 2015	N		79-38-9	Chlorotrifluoroethylene	C_2ClF_3			y		y				refrigerant in cryogenic applications. CTFE has a C=C double bond and so can be polymerized to form polychlorotrifluoroethylene or copolymerized to produce ECTFE. PCTFE has the trade name Neoflon PCTFE from Daikin Industries in Japan, and used to be produced under the trade name Kel-F from 3M Corporation in Minnesota (Wikipedia)
CDR	N	21	811-97-2	1,1,1,2-Tetrafluoroethane	C2H2F4			y	y			y		21% of Honeywell Solstice® N40 Refrigerant (R-448A)

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	n		2354-06-5	1,1,1,3,3-Pentachloro-2,2,3-trifluorop	$C_3F_3Cl_5$									
N	n		4071-01-6	1,1-Dichloro-2,2,3,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	N		*6974-12-5*	*2-Butene, 1,4-dibromo-*	C4H6-Br2									n/f
N 2012 No	N		106-95-6	Allyl bromide	C3H5Br		Y							Manufacture of synthetic perfumes, other allyl compounds; Insecticidal fumigant; Chemical intermediate in organic synthesis, for resins (copolymer with sulfur dioxide) and fragrances; As a fumigant (if quite volatile) or as a contact poison; Used in the manufacture of plastics and dyestuff.
N 2012 No	N		109-64-8	1,3-Dibromopropane	C3H6Br2		Y							Intermediate for dyestuff and pharmaceutical industries, cyclopropane manufacture. Used as a herbicide /SRP65: Former use/
N	n		110587-14-9	Chlorofluoroethane	C_2H_4ClF									
N	n		1112-01-2	1,1-Dichloro-2,2-difluoropropane	$C_3H_4F_2Cl_2$									
N	n		1112-14-7	1,1,3,3-Tetrachloro-2,2-difluoropropa	$C_3H_2F_2Cl_4$									
N	n		1112-36-3	1,3-Dichloro-2,2-difluoropropane	$C_3H_4F_2Cl_2$									
N	n		117970-90-8	2-Chloro-1,1,1,3-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		124-72-1	Teflurane										
N	n		127564-83-4	Dichlorotetrafluoropropane	$C_3H_2F_4Cl_2$									

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	n		131211-71-7	1,1,1-Trichloro-2,2,3-trifluoropropane	$C_3H_2F_3Cl_3$									
N	n		131221-36-8	1,1,3-Trichloro-2,2,3-trifluoropropane	$C_3H_2F_3Cl_3$									
N	n		13195-80-7	1-Propene, 1,1-dibromo-										
N	n		134190-48-0	Pentachlorofluoropropane	$C_3H_2FCl_5$									
N	n		134190-49-1	Tetrachlorofluoropropane	$C_3H_3FCl_4$									
N	n		134190-50-4	Chlorotetrafluoropropane	$C_3H_3F_4Cl$									
N	n		134190-51-5	Trichlorofluoropropane	$C_3H_4FCl_3$									
N	n		134190-52-6	Dichlorodifluoropropane	$C_3H_4F_2Cl_2$									
N	n		134190-53-7	Chlorodifluoropropane	$C_3H_5F_2Cl$									
N	n		134190-54-8	Chlorofluoropropane	C_3H_6FCl									
N	n		134237-36-8	Pentachlorodifluoropropane	$C_3HF_2Cl_5$									
N	n		134237-37-9	Tetrachlorotrifluoropropane	$C_3HF_3Cl_4$									
N	n		134237-38-0	Trichlorotetrafluoropropane	$C_3HF_4Cl_3$									
N	n		134237-39-1	Tetrachlorodifluoropropane	$C_3H_2F_2Cl_4$									
N	n		134237-40-4	Trichlorotrifluoropropane	$C_3H_2F_3Cl_3$									
N	n		134237-41-5	Chloropentafluoropropane	$C_3H_2F_5Cl$									
N	n		134237-42-6	Trichlorodifluoropropane	$C_3H_3F_2Cl_3$									
N	n		134237-43-7	Dichlorotrifluoropropane	$C_3H_3F_3Cl_2$									

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	n		134237-44-8	Chlorotrifluoropropane	$C_3H_4F_3Cl$									
N	n		134237-45-9	Dichlorofluoropropane	$C_3H_5FCl_2$									
N	n		134251-06-2	2-Chloro-1,1,1,3,3-pentafluoropropar	$C_3H_2F_5Cl$									
N	n		134308-72-8	Chlorohexafluoropropane	C_3HF_6Cl									
N	n		146916-90-7	2,3-Dichloro-1,1,1,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		149329-24-8	2,2-Dichloro-1,1,1,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		149329-25-9	2,3-Dichloro-1,1,1,2-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		149329-26-0	1,2-Dichloro-1,1,2,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		149329-27-1	1,3-Dichloro-1,1,2-trifluoropropane	$C_3H_3F_3Cl_2$									
N	n		1511-62-2	Bromodifluoromethane	$CHBrF_2$ or CHF_2Br									
N	n		151771-08-3	1,3-Dichloro-1,2,3-trifluoropropane	$C_3H_3F_3Cl_2$									
N	n		156-59-2	cis-1,2-Dichloroethylene	$C_2H_2Cl_2$									
N	n		1615-75-4	1-Chloro-1-fluoroethane	C_2H_4ClF									
N	n		1645-83-6	1,3,3,3-Tetrafluoropropene	$C_3H_2F_4$									
N	N		1691-13-0	1,2-Fluoroethene	C2H2F2									n/f
N	n		17705-30-5	2,2-Dichloro-1,1,3,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		1814-88-6	Pentafluoropropane	$C_3H_3F_5$									
N	n		1842-05-3	1,1-Dichloro-1,2-difluoroethane	$C_2H_2F_2Cl_2$									
N	N		1868-53-7	Methane, dibromofluoro-	CHBr2F									n/f
N	n		19041-02-2	2-Chloro-1,1,3,3-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		19398-48-2	2-Butene, 2,3-dibromo-										
N	n		2252-84-8	1,1,2,2,3,3,3-Heptafluoropropane	C_3HF_7									
N	n		2268-46-4	1,2,2,3-Tetrachloro-1,1,3,3-tetrafluor	$C_3F_4Cl_4$									
N	N		2311-14-0	1,1,1-Tribromoethane	C2H3Br3 or CH3CBr3									n/f
N	n		2366-36-1	1,1,1-Trichloro-2-fluoroethane	$C_2H_2FCl_3$									
N	n		24270-66-4	1,1,2,3,3-Pentafluoropropane	$C_3H_3F_5$									
N	n		25167-20-8	Tetrabromoethane										
N	N		25429-23-6	Ethene, dibromo-										
N	n		25497-29-4	Chlorodifluoroethane	$C_2H_3F_2Cl$									
N	n		25497-29-4	1-Chloro-1,2-difluoroethane	$C_2H_3F_2Cl$									
N	n		25915-78-0	Dichlorodifluoroethane	$C_2H_2F_2Cl_2$									
N	n		26391-16-2	1-Propene, 1,2-dibromo-										
N	N		27072-47-5	Dibromopropane	C3H6Br2									n/f
N	n		2730-43-0	1-Chloro-3,3,3-trifluoropropene	$C_3H_2ClF_3$									
N	n		2730-64-5	1-Chloro-1,1,3,3-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		27336-23-8	1,1-Dibromo-1,2,2,2-tetrafluoroethane										

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	n		28103-66-4	1-Chloro-1,2,2,3,3-pentafluoropropar	$C_3H_2F_5Cl$									
N	n		3017-69-4	1-Propene, 1-bromo-2-methyl- (9CI)										
N	n		30283-90-0	Ethane, bromotetrafluoro-										
N	n		31392-96-8	Ethane, dibromodifluoro-										
N	n		338-75-0	2,3-Dichloro-1,1,1-trifluoropropane	$C_3H_3F_3Cl_2$									
N	N		3470-67-5	Ethane, 1,1,1,2-tetrabromo-2,2-difluoro-	C2-Br4-F2									n/f
N	N		353-36-6	Ethane, fluoro-	C2H5F			y				y		It is used in aerosols and refrigeration.
N	N		353-54-8	Methane, tribromofluoro-	C-Br3F									n/f
N	n		354-04-1	Ethane, 1,2-dibromo-1,1,2-trifluoro-										
N	n		354-12-1	1,1,1-Trichloro-2,2-difluoroethane	$C_2HF_2Cl_3$									
N	n		354-15-4	1,1,2-Trichloro-1,2-difluoroethane	$C_2HF_2Cl_3$									
N	n		354-21-2	1,1,2-Trichloro-2,2-difluoroethane	$C_2HF_2Cl_3$									
N	N		354-48-3	1,1,1-Tribromo-2,2,2-trifluoroethane	C2Br3F3									n/f
N	n		354-55-2	Bromopentafluoroethane										
N	n		354-56-3	Pentachlorofluoroethane	C_2FCl_5									
N	n		355-25-9	Decafluorobutane (Perfluorobutane)	C_4F_{10}									
N	n		356-18-3	Dichlorohexafluorocyclobutane	$C_4Cl_2F_6$									
N	n		358-97-4	1,2-Dibromo-1-fluoroethane	$C_2H_3Br_2F$									
N	N		359-11-5	Ethene, trifluoro-	C2HF3	y		y	y	y		y		Used in the production of fluorinated plastics and inert fluids. Refrigerants 39% foam blowing agents 17% solvents 14% fluoropolymers 14% serilant gas 2% aerosol propellants 2% [rom pubChem, ref: Chemical Proflie Fluorocarbons 1986 from HSDB]
N	n		359-28-4	1,1,2-Trichloro-2-fluoroethane	$C_2H_2FCl_3$									
N	n		359-58-0	1-Chloro-1,1,2,3,3,3-hexafluoropropa	C_3HF_6Cl									
N	n		375-17-7	1,1,1,2,2,3,3,4,4-Nonafluorobutane	C_4HF_9									
N	n		377-41-3	Chloroheptafluorocyclobutane	C_4ClF_7									
N	N		40723-63-5	1,1,2,2-Tetrafluoropropane	$C_3H_4F_4$									
N	N		*407-81-8*	*2-Butene, 1,4-difluoro-*	C4H6F2									n/f
N	n		420-44-0	2-Chloro-2-fluoropropane	C_3H_6FCl									
N	N		420-45-1	Propane, 2,2-difluoro-	C3H6F2									n/f

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	N	1	420-46-2	1,1,1-Trifluoroethane	C2H3F3 or CH3CF3			y				y		It is used as a refrigerant either by itself or more commonly as a component of blended mixtures. Unlike CFCs used as refrigerants, trifluoroethane has no chlorine atoms and is therefore not an ozone-depleting chemical, though its high chemical stability and infra-red absorbency make it a potent greenhouse gas with a global warming potential of 4300, higher than many other commonly used HFC refrigerants.[1] Trifluoroethane is also used as a propellant in canned air products used to clean electronic equipment. (Wikipedia)
N	n		420-99-5	1-Chloro-2,2-difluoropropane	$C_3H_5F_2Cl$									
N	n		421-04-5	1-Chloro-1,1,2-Trifluoroethane	$C_2H_2F_3Cl$									
N	N		421-07-8	Propane, 1,1,1-trifluoro-	C3H5F3									n/f
N	n		421-73-8	2-Chloro-1,1,1,2-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		421-75-0	1-Chloro-1,1,2,2-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		421-99-8	1,1,3-Trichloro-1,2,2-trifluoropropane	$C_3H_2F_3Cl_3$									
N	n		422-00-5	1,3-Dichloro-1,1,2,2-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		422-02-6	3-Chloro-1,1,1,2,3-pentafluoropropar	$C_3H_2F_5Cl$									
N	n		422-26-4	1,1,1,2,2,3-Hexachloro-3-fluoropropa	C_3HFCl_6									
N	n		422-49-1	1,1,1,3,3-Pentachloro-2,2-difluoropro	$C_3HF_2Cl_5$									
N	n		422-50-4	1,1,1,3-Tetrachloro-2,2,3-trifluoropro	$C_3HF_3Cl_4$									
N	n		422-51-5	1,1,1-Trichloro-2,2,3,3-tetrafluoropro	$C_3HF_4Cl_3$									
N	n		422-52-6	1,1,3,3-Tetrachloro-1,2,2-trifluoropro	$C_3HF_3Cl_4$									
N	n		422-53-7	1,1,3-Trichloro-1,2,2,3-tetrafluoropro	$C_3HF_4Cl_3$									
N	n		422-54-8	1,3,3-Trichloro-1,1,2,2-tetrafluoropro	$C_3HF_4Cl_3$									
N	n		422-55-9	1-Chloro-1,1,2,2,3,3-hexafluoropropa	C_3HF_6Cl									
N	n		422-57-1	3-Chloro-1,1,1,2,2,3-hexafluoropropa	C_3HF_6Cl									
N	n		422-78-6	1,1,1,2,2,3,3-Heptachloro-3-fluoropro	C_3FCl_7									
N	n		422-86-6	1-Chloro-1,1,2,2,3,3,3-heptafluoropro	C_3F_7Cl									
N	n		4259-43-2	1,1,1-Trichloro-2,2,3,3,3-pentafluorop	$C_3F_5Cl_3$									
N	n		425-94-5	1,2-Dichloro-1,2,3,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		430-53-5	1,1-Dichloro-2-fluoroethane	$C_2H_3FCl_2$									
N	n		430-57-9	1,2-Dichloro-1-fluoroethane	$C_2H_3FCl_2$									
N	N		430-66-0	Ethane, 1,1,2-trifluoro-	C2H3F3									n/f
N	n		431-07-2	1-Chloro-1,2,2-Trifluoroethane	$C_2H_2F_3Cl$									
N	n		431-31-2	1,1,1,2,3-Pentafluoropropane	$C_3H_3F_5$									
N	n		431-63-0	1,1,1,2,3,3-Hexafluoropropane	$C_3H_2F_6$									
N	n		431-87-8	2-Chloro-1,1,1,3,3,3-hexafluoropropa	C_3HF_6Cl									
N	n		4399-47-7	Bromocyclobutane										

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						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	N		462-39-5	Propane, 1,3-difluoro-	C3H6F2									n/f
N	n		471-43-2	1,1-Dichloro-2,2-difluoroethane	$C_2H_2F_2Cl_2$									
N	n		4784-77-4	2-Butene, 1-bromo-										
N 2012 No	N		507-25-5	Methane, tetraiodo-	CI_4					Y				n/f
N 2012 No	N		513-31-5	2,3-Dibromopropene	C3H4Br2									n/f
N	N		51346-64-6	2-Chloro-1,1,1,2,3,3-hexafluoropropa	C_3HF_6Cl									
N	N		513-92-8	Ethene, tetraiodo-	C2I4									n/f
N	n		5162-44-7	1-Butene, 4-bromo-										
N	N		540-49-8	1,2-Dibromoethylene	C2H2Br2	Y								Research Chemical
N	n		540-54-5	1-Chloropropane										
N	N		556-56-9	Allyl iodide	C3H5I									It is used in making other chemicals and polymers.
N	N		558-13-4	Tetrabromomethane	C-Br4	Y								Used in organic syntheses; [ACGIH]
N	n		56758-54-4	1-Chloro-2,2,3-trifluoropropane	$C_3H_4F_3Cl$									
N	N		590-11-4	cis-Dibromoethylene										
N	N		590-12-5	trans-1,2-Dibromoethylene										
N	N		593-53-3	Methyl fluoride	CH3F								Y	
N	N		593-66-8	Ethene, iodo-	C2H3I									n/f
N	n		593-70-4	Chlorofluoromethane	CH_2FCl									
N	N		593-92-0	1,1-Dibromoethylene	C2H4Br2									n/f
N	N		**594-02-5**	**1,1-Diiodoethane**	C2H2I2.									n/f
N	n		594-16-1	Propane, 2,2-dibromo-										
N	N		594-37-6	1,2-dichloro-2-methylpropane										
N 2012 No	N		594-73-0	Hexabromoethane	C2-Br6									n/f
N	N		594-73-0	Hexabromoethane	C2Br6									n/f
N	N		598-16-3	Ethylene tribromide	C2HBr3									n/f
N	N		598-29-8	1,2-Diiodopropane	C3H6I2									n/f
N	N		*624-72-6*	*1,2-Difluoroethane*	C2H4F2	y		y	y	y		y		Mechanical vapor compression systems use fluorocarbons for refrigeration and air conditioning and account for ... majority of refrigeration capability in US ... Fluorocarbons are used as refrigerants in home appliances, mobile air conditioning units, retail food refrigeration systems and ... chillers. /Fluorocarbons/ Refrigerants, 39%; foam blowing agents, 17%; solvents, 14%; fluoropolymers, 14%; sterilant gas, 2%; aerosol propellants, 2%; food freezant, 1%; other, 8%; exports, 3% (1985) /Fluorocarbons/ [PubChem from Chemical Profile: Fluorocarbons (1986)]
N	N		624-73-7	*Ethane, 1,2-diiodo-*	C2H4I2									n/f
N	N		627-31-6	Propane, 1,3-diiodo-	C3H6I2									n/f
N	N		630-16-0	Ethane, 1,1,1,2-tetrabromo-	C2H2-Br4									n/f
N	n		64712-27-2	1,1-Dichloro-1,3,3,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		661-95-0	Propane, 1,2-dibromo-1,1,2,3,3,3-hexafluoro-										

TSCA Inventory? (Y/N - student ck)	TURA List? (If Y, not in category)	2015 Tier II	CAS/Chemical Number	Chemical Name	chemical formula (Yellow highlighting = multiple halogens could be substituted to create other possible substances)	Uses (SOURCES:HAZMAP, NJDHSS, Wikipedia, TSCA CDR) [In process, NOT QCd]								
						Solvent	Pesticide	refrigerant	blowing agent	feedstock/ intermediate	fire supressant/flame retardant	propellant	etchant	Other
N	n		661-97-2	1,2-Dichloro-1,1,2,3,3,3-hexafluoropr	$C_3F_6Cl_2$									
N	n		662-00-0	1,1,1,2,2,3,3-Heptafluorobutane	$C_4H_3F_7$									
N	n		662-01-1	1,3-Dichloro-1,1,2,2,3,3-hexafluoropr	$C_3F_6Cl_2$									
N	n		67406-66-0	1-Chloro-1,2,2,3-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		67406-68-2	1,3-Dichloro-1,2,2-trifluoropropane	$C_3H_3F_3Cl_2$									
N	n		677-54-3	1,1,1,3-Tetrachloro-2,2-difluoropropa	$C_3H_2F_2Cl_4$									
N	n		677-55-4	1-Chloro-1,1,3,3,3-pentafluoropropan	$C_3H_2F_5Cl$									
N	n		677-56-5	1,1,1,2,2,3-Hexafluoropropane	$C_3H_2F_6$									
N	n		679-85-6	3-Chloro-1,1,2,2-tetrafluoropropane	$C_3H_3F_4Cl$									
N	n		679-86-7	1,1,2,2,3-Pentafluoropropane	$C_3H_3F_5$									
N	n		679-99-2	1-Chloro-1,1,2,2,3-pentafluoropropan	$C_3H_2F_5Cl$									
N	N		*685-63-2*	*1,3-Butadiene, 1,1,2,3,4,4-hexafluoro-*	C4F6									n/f
N	n		70192-63-1	1,1-Dichloro-1,2,2,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		70192-70-0	1,1-Dichloro-2,2,3-trifluoropropane	$C_3H_3F_3Cl_2$									
N	n		70192-76-6	1-Chloro-1,2,2-trifluoropropane	$C_3H_4F_3Cl$									
N	n		70341-81-0	1,3-Dichloro-1,2,2,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	n		7051-34-5	Bromomethylcyclopropane										
N	n		7125-99-7	1,1-Dichloro-1,2,2-trifluoropropane	$C_3H_3F_3Cl_2$									
N	n		72101-30-5	Propane, bromotrifluoro-										
N 2012 No	N		75-11-6	Methane, diiodo-	CH2I2					y				Used to make X-ray contrast media; [Merck Index] Used in organic synthesis; [Hawley] Used to determine refractive indices of minerals and to separate minerals based on density; [Ullmann]
N 2012 No	N		75-47-8	Methane, triiodo-	CHI3									Used as a disinfectant and veterinary antiseptic; [Merck Index, #5033]
N	N		75-61-6	Dibromodifluoromethane	C-Br2-F2	Y								Used in Fire Extinguishers and as chemical intermediate
N	N		75-82-1	1,2-Dibromo-1,1-difluoroethane	$C_2H_2Br_2F_2$									
N	N		75995-72-1	1,1,1,2,3,4,4,4-Octafluorobutane	$C_4H_2F_8$									
N	N		76-11-9	1,1,1,2-Tetrachloro-2,2-difluoroethan	$C_2F_2Cl_4$									
N	N		76-12-0	1,1,2,2-Tetrachloro-1,2-difluoroethan	$C_2F_2Cl_4$									
N	N		76140-39-1	1,3-Dichloro-1,1,3,3-tetrafluoropropa	$C_3H_2F_4Cl_2$									
N	N		76-18-6	2-Chloro-1,1,1,2,3,3,3-heptafluoropr	C_3F_7Cl									
N	N		76546-99-3	Hexachlorodifluoropropane	$C_3F_2Cl_6$									
N	N		78-74-0	Ethane, 1,1,2-tribromo-	C2H3Br3									n/f
N 2012 No	N		78-75-1	1,2-Dibromopropane	C3H6Br2									Research chemical
N 2012 No	N		79-27-6	1,1,2,2-Tetrabromoethane	C2H2Br4	Y								ore flotation agent, catalyst, and flame-proofing additive

TSCA Inventory? (Y/N - student ck)	**TURA List? (If Y, not in category)**	**2015 Tier II**	**CAS/Chemical Number**	**Chemical Name**	**chemical formula** (Yellow highlighting = multiple halogens could be substituted to create other possible substances)	**Uses (SOURCES:HAZMAP, NJDHSS, Wikipedia, TSCA CDR) [In process, NOT QCd]**								
						Solvent	**Pesticide**	**refrigerant**	**blowing agent**	**feedstock/ intermediate**	**fire supressant/flame retardant**	**propellant**	**etchant**	**Other**
N	N		79-28-7	Ethene, tetrabromo-	C2-Br4									Used in organic synthesis; [Hawley]
N	N		79-35-6	1,1-Dichloro-2,2-difluoroethylene	$C_2Cl_2F_2$									
N	N		811-95-0	1,1,2-Trichloro-1-fluoroethane	$C_2H_2FCl_3$									
N	N		821-06-7	2-Butene, 1,4-dibromo-, (2E)-	C4H6Br2		n/f							n/f
N 2012 No	N		96-11-7	1,2,3-Tribromopropane	C3H5Br3		n/f							n/f
N	N		n/f	Propane, dibromopentafluoro-										
N	N		n/f	Fluorotetrabromoethane										