

Halogenated Solvent Users Registration Act

75-10-451 MCA: An Act to require persons who annually use 20 gallons or more of halogenated solvents for commercial purposes and government users to register with the Department of Environmental Quality; and to prohibit the sale of 20 gallons or more of halogenated solvents for commercial or government use to persons not possessing a Halogenated Solvent Registration card. 75-10-451 MCA shall be thereafter referred to in this text as the Halogenated Solvent Users Registration Act. The following is a summary of the Act.

The impact of the Halogenated Solvent Users Registration Act on solvent users and distributors:

The Halogenated Solvents Users Registration Act became effective October 1, 1989. The law specifies it is unlawful for any person to distribute, sell, or offer for sale within Montana quantities of 20 gallons or more of a halogenated solvent annually, unless the purchaser possesses a Halogenated Solvent Registration card issued by the Montana Department of Environmental Quality. It further specifies it is unlawful for any person to annually use 20 gallons or more of a halogenated solvent for commercial purposes without registering with the Department.



How do I get information regarding proper waste solvent disposal or ideas which may minimize the amount of waste solvents that my business produces?

The Waste and Underground Tank Management Bureau has prepared industry-specific information about waste minimization. These techniques are often overlooked and inexpensive methods to reduce the amount of halogenated solvent and other waste streams which a business generates. Product substitution, solvent distillation, waste stream segregation, inventory control, employee training, and spill/leak prevention are some of the effective ways to minimize waste generation.

How do I register?

Halogenated solvent users may register with the Department by completing the attached "Halogenated Solvent User Registration Form" and mailing it to the address on Page 3.

Upon receipt of your completed registration form, the Department will issue a Halogenated Solvent Registration card which may be presented to solvent vendors as evidence of registration.

What are halogenated solvents?

Solvents are substances which are capable of dissolving or dispersing other substances. Halogenated solvents are those chemicals which contain one or more of the halogen elements: i.e., chlorine, bromine, fluorine, astatine, and iodine. Most halogenated solvents contain chlorine and are referred to as chlorinated solvents. Halogenated solvents are usually very toxic to living organisms and have significant potential to degrade the environment and affect human health if improperly handled or disposed of.



Which solvents are covered by the act?

The following is a partial list of the covered solvents and descriptions of their typical industrial uses:

carbon tetrachloride – as a laboratory solvent, in semiconductor manufacture, in metal recovery and catalyst regeneration.

chlorinated fluorocarbons;

including trichlorofluoromethane (Freons) – used in degreasing operations or other solvent uses (not as refrigerants or propellants).

chlorobenzene – tar and grease remover, degreasing operations, solvent in surface coating and surface coating remover.

methylene chloride (dichloromethane) – used in paint and varnish strippers, carburetor cleaners, vapor degreasing, and cold parts cleaner.

ortho-dichlorobenzene – metal degreaser, cleaning of brick and upholstery, and removal of surface coating.

tetrachloroethylene (Perc) – dry cleaning, degreasing and metal cleaning, vapor degreasing, general solvent in textile, printing, soap, and paint remover industries.

1,1,1-trichloroethane – electrical solvent, coolant and lubricant in cutting oils, degreasing, and printed circuit board production.

1,1,2-trichloroethane – solvent for fats, oils, waxes, resins, and other products; organic synthesis.

trichloroethylene – metal degreasing, cleaning and drying electronic parts, diluent in paints and adhesives, and textile processing.

1,1,2-trichloro-1,1,2-trifluoroethane – drying electronic parts, solvent drying, and dry-cleaning.

Many of the halogenated solvents include those which are regulated as hazardous waste as either a listed or characteristic waste.

Which commonly used industrial solvents are not halogenated and therefore not covered by the Halogenated Solvent User Registration Act?

The following is a partial list of some of the more commonly used non-halogenated solvents:



- Acetone
- Ethyl alcohol (ethanol)
- Ethyl acetate
- Methyl alcohol (wood alcohol, methanol)
- Methyl ethyl ketone
- Stoddard solvent (mineral spirits)
- Toluene (toluol)
- Xylene (xylol)

How do I know if I'm using a covered halogenated solvent?

Container labels will often specify the contents of products. Material Safety Data Sheets (MSDS) prepared by product manufacturers are required to list the hazardous ingredients contained in individual products. If the information contained in an MSDS is insufficient, contact with the product manufacturer is sometimes warranted. Product distributors are another excellent source of information. Contact with trade associations may also be helpful. Reference materials which you may have on hand at your business or which are available at your local library or on-line may be helpful. Personnel at the Department's Waste and Underground Tank Management Bureau – Hazardous Waste Section (406) 444-5300 may also be of assistance.

If my company operates at more than one site in the state, do I need to register each site?

No. You are required to submit a single application for registration regardless of the number of sites your company may operate within Montana.

May I receive more than one Halogenated Solvent Registration card?

Yes. The registration form contains a space where you may specify the number of cards needed or you may contact the Department for additional cards.

Information about waste minimization, regulatory requirements, and proper hazardous waste management is available from the Waste and Underground Tank Management Bureau. Please call or write for more information.

Telephone: (406) 444-5300

Fax: (406) 444-1374

Mailing Address: Department of Environmental Quality
Waste and Underground Tank Management Bureau
Hazardous Waste Section
PO Box 200901
Helena MT 59620-0901



HALOGENATED SOLVENT USER REGISTRATION FORM

State Use Only:

Registration # _____

Company / Agency Name: _____

Mailing Address: _____

(Street or P.O. Box)

(City or Town)

(State)

(Zip)

Estimated quantity of halogenated solvents used annually (in gallons): _____

Waste Disposal Method (check all that apply):

Shipment to an approved hazardous waste treatment, storage, or disposal facility

Disposal in a licensed sanitary landfill.

Discharge to municipal sewer system.

On-site disposal (discharge to a septic tank, dry well, lagoon or other industrial sewer).

On-site reclamation (distillation, etc.). Explain disposition of still bottoms or other residuals generated from reclamation. _____

Shipment to an off-site recycling facility.

Other disposal methods. Describe: _____

Number of cards requested: _____

CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and believe this information to be true, accurate and complete.

Name / Title: _____
(Name - please print or type) (Title)

Signature / Date: _____
(Signature) (Date)

Name of Contact Person: (To whom we may direct questions regarding solvent use at your business)

Name / Title: _____
(Name - please print or type) (Title)

Telephone Number: () _____ Email: _____