



# CRC® Brakleen® Brake Parts Cleaner, 1 Gal

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)  
Issue date: 2/20/2025 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Trade name : CRC® Brakleen® Brake Parts Cleaner, 1 Gal  
Product code : 1003713  
Part number : 05090

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Brake cleaners  
Restrictions on use : After December 8, 2026, this product cannot be distributed in commerce to retailers for any use. After March 8, 2027, chemical substances/products can only be distributed in commerce or processed with a concentration of PCE equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant/intermediate; (2) Processing into formulation, mixture or reaction product; (3) Processing by repackaging; (4) Recycling; (5) Industrial and commercial use as solvent in open-top batch vapor degreasing; (6) Industrial and commercial use as solvent in closed-loop batch vapor degreasing; (7) Industrial and commercial use in maskant for chemical milling; (8) Industrial and commercial use as a processing aid in catalyst regeneration in petrochemical manufacturing; (9) Industrial and commercial use as a processing aid in sectors other than petrochemical manufacturing; (10) Industrial and commercial use as solvent for cold cleaning of tanker vessels; (11) Industrial and commercial use as energized electrical cleaner; (12) Industrial and commercial use in laboratory chemicals; (13) Industrial and commercial use in solvent-based adhesives and sealants; (14) Industrial and commercial use in dry cleaning in 3rd generation machines until December 20, 2027; (15) Industrial and commercial use in all dry cleaning and related spot cleaning until December 19, 2034; (16) Export; and (17) Disposal.

#### 1.3. Supplier

CRC Industries, Inc.  
885 Louis Dr.  
Warminster, PA 18974  
United States  
T 1-800-556-5074  
[crcindustries.com](http://crcindustries.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300  
24-Hour Emergency

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin corrosion/irritation, Category 2	Causes skin irritation.
Serious eye damage/eye irritation, Category 2B	Causes eye irritation.
Skin sensitization, Category 1B	May cause an allergic skin reaction.
Carcinogenicity, Category 1B	May cause cancer (Inhalation).
Specific target organ toxicity – Single exposure, Category 3, Narcosis	May cause drowsiness or dizziness.
Hazardous to the aquatic environment — Acute Hazard, Category 2	Toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 2	Toxic to aquatic life with long lasting effects.

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### 2.2. GHS Label elements, including precautionary statements

#### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: Causes skin irritation  
May cause an allergic skin reaction  
Causes eye irritation  
May cause drowsiness or dizziness  
May cause cancer (Inhalation)

Precautionary statements (GHS US)

: Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing mist, vapors, spray.  
Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area.  
Wear protective gloves, protective clothing, eye and face protection.  
Wash hands thoroughly after handling.  
If on skin: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice or attention.  
Take off contaminated clothing and wash it before reuse.  
Contaminated work clothing must not be allowed out of the workplace.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center or doctor if you feel unwell.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice or attention.  
If exposed or concerned: Get medical advice/attention.  
Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.  
Dispose of contents/container in accordance with local/regional/national regulations.

### 2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Ethene, 1,1,2,2-tetrachloro-	Ethene, 1,1,2,2-tetrachloro- Tetrachloroethene (Perchloroethylene (PCE))	CAS-No.: 127-18-4	80 - 100

Comments : Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	: If exposed or concerned, get medical advice and attention. Show this safety data sheet to the doctor in attendance.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Wash skin with soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: May cause drowsiness or dizziness. Headache, nausea, vomiting. Causes eye irritation. Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after inhalation	: Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: Ingestion may cause nausea and vomiting.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
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Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Notify authorities if product enters sewers or public waters.

Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Avoid breathing mist, vapors, spray. Use only outdoors or in a well-ventilated area. Maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear personal protective equipment. Avoid contact with skin and eyes. Floors, walls and other surfaces in the hazard area must be cleaned regularly. For product usage instructions, see the product label.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

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Storage conditions	: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a cool, dry place out of direct sunlight.
Packaging materials	: Store always product in container of same material as original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>Ethene, 1,1,2,2-tetrachloro- (127-18-4)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Tetrachloroethylene
ACGIH OEL TWA	25 ppm
ACGIH OEL STEL	100 ppm
Remark (ACGIH)	TLV® Basis: CNS impair. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2024
<b>USA - ACGIH - Biological Exposure Indices</b>	
Local name	Tetrachloroethylene
BEI	3 ppm Parameter: Tetrachloroethylene - Medium: exhaled air - Sampling time: Prior to shift 0.5 mg/l Parameter: Tetrachloroethylene - Medium: blood - Sampling time: Prior to shift
Regulatory reference	ACGIH 2024
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Perchloroethylene (Tetrachloroethylene)
OSHA PEL TWA	100 ppm
OSHA PEL C	200 ppm
Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift	300 ppm 5 mins. in any 3 hrs.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-2
<b>USA - NIOSH - Occupational Exposure Limits</b>	
Local name	Perchloroethylene (Tetrachloroethylene)
Remark (NIOSH)	Ca = Potential occupational carcinogens
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-2 (NIOSH Pocket Guide to Chemical Hazards (NPG))

#### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

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<b>Hand protection:</b>
Wear protective gloves such as: Nitrile, Polyvinylalcohol (PVA), Butyl rubber
<b>Eye protection:</b>
Wear safety glasses with side shields (or goggles).
<b>Skin and body protection:</b>
Wear appropriate chemical resistant clothing.
<b>Respiratory protection:</b>
If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Odor	: Irritating
Odor threshold	: 50 ppm
Melting point	: -8.1 °F (-22.3 °C) estimated
Freezing point	: -8.1 °F (-22.3 °C) estimated
Boiling point	: 250.3 °F (121.3 °C) estimated
Flammability (solid, gas)	: Not applicable.
Explosion limits	: Lower explosion limit: 12 % estimated Upper explosion limit: 29 % estimated
Flash point	: None
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapor pressure	: 13 mm Hg (68 °F (20 °C))
Evaporation rate	: Very fast
Density and/or relative density	
Density	: 13.52 lb/gal
Relative density	: 1.62
Relative vapor density at 20°C	: 5.76 (air=1)
Particle characteristics	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Additional Regulatory Information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Hydrogen chloride. Chlorine. Phosgene.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Symptoms/effects	: May cause drowsiness or dizziness. Headache, nausea, vomiting. Causes eye irritation. Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after inhalation	: Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: Ingestion may cause nausea and vomiting.
Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

#### Ethene, 1,1,2,2-tetrachloro- (127-18-4)

LD50 oral rat	3005 mg/kg
LD50 dermal rabbit	> 10000 mg/kg Source: ECHA
LC50 Inhalation - Rat [ppm]	3786 ppm

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: May cause cancer (Inhalation).

#### Ethene, 1,1,2,2-tetrachloro- (127-18-4)

IARC group	2A - Probably carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen

Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

#### Ethene, 1,1,2,2-tetrachloro- (127-18-4)

LOAEL (oral, rat, 90 days)	390 mg/kg bw/day
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Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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Viscosity, kinematic : No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

##### Ethene, 1,1,2,2-tetrachloro- (127-18-4)

LC50 - Fish [1]	5 mg/l
EC50 - Crustacea [1]	8.5 mg/l
LC50 - Fish [2]	5 mg/l Test organisms (species): Limanda limanda
EC50 72h - Algae [1]	3.64 mg/l Source: ECHA
ErC50 algae	3.64 mg/l
NOEC chronic fish	2.34 mg/l
NOEC chronic crustacea	0.51 mg/l

#### 12.2. Persistence and degradability

##### CRC® Brakleen® Brake Parts Cleaner, 1 Gal

Persistence and degradability : No data is available on the degradability of this product.

#### 12.3. Bioaccumulative potential

##### Ethene, 1,1,2,2-tetrachloro- (127-18-4)

Partition coefficient n-octanol/water (Log Pow) : 2.53

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Regional waste regulation : Dispose of contents/container in accordance with local/regional/national regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations. Do not allow to enter sewers, surface or groundwater.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations. Empty container can be recycled.  
Hazardous waste code : Possible RCRA waste code includes:  
D039: Tetrachloroethylene  
F001: Waste Tetrachloroethylene - Spent halogenated solvent used in degreasing  
F002: Waste Tetrachloroethylene - Spent halogenated solvent

However, it is the generator's responsibility to determine the proper classification and disposal method at the time of disposal.

Additional information : Do not re-use empty containers. Empty containers retain product residue and can be hazardous.

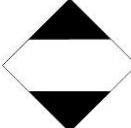
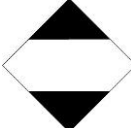

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### SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
<b>14.1. UN number</b>		
UN1897	1897	1897
<b>14.2. Proper Shipping Name</b>		
Tetrachloroethylene (Limited quantity)	TETRACHLOROETHYLENE (Limited quantity)	Tetrachloroethylene
<b>14.3. Transport hazard class(es)</b>		
LTD QTY	LTD QTY	6.1
		
<b>14.4. Packing group</b>		
III	III	III
<b>14.5. Environmental hazards</b>		
Marine Pollutant Exception		

### 14.6. Special precautions for user

- DOT**
- Class (DOT) : 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132
  - UN-No. (DOT) : UN1897
  - DOT Special Provisions (49 CFR 172.102) :
    - IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
    - N36 - Aluminum or aluminum alloy construction materials are permitted only for halogenated hydrocarbons that will not react with aluminum.
    - T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
    - TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
  - DOT Packaging Exceptions (49 CFR 173.xxx) : 153
  - DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
  - DOT Packaging Bulk (49 CFR 173.xxx) : 241
  - DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
  - DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
  - DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
  - DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"
- IMDG**
- Class (IMDG) : 6.1 - Toxic substances
  - Limited quantities (IMDG) : 5 L
  - Excepted quantities (IMDG) : E1

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Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-A - SPILLAGE SCHEDULE Alfa - TOXIC SUBSTANCES
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW2
Segregation (IMDG)	: SGG10
Properties and observations (IMDG)	: Colorless liquid with an ethereal odor. When involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.

### IATA

Class (IATA)	: 6.1 - Toxic Substances
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y642
PCA limited quantity max net quantity (IATA)	: 2L
PCA packing instructions (IATA)	: 655
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 663
CAO max net quantity (IATA)	: 220L
ERG code (IATA)	: 6L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Toxic Substances Control Act (TSCA)

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Name	CAS-No.	Commercial status	Flags
Ethene, 1,1,2,2-tetrachloro-	127-18-4	Active	

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethene, 1,1,2,2-tetrachloro- (127-18-4)	Listed on EPA Hazardous Air Pollutant (HAPS)
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#### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance

CERCLA Section 103 (40CFR302.4)	Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.
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#### CERCLA RQ

Ethene, 1,1,2,2-tetrachloro- (127-18-4)	100 lb
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#### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)

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### Section 302 Extremely Hazardous Substance

Not listed

### Section 304 Emergency Release Notification

Not listed

### Sections 311/312 Hazard Classification

Not listed

### Section 313 (TRI Reporting)

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Ethene, 1,1,2,2-tetrachloro-	CAS-No.127-18-4	80 - 100%
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### Additional Regulatory Information

After December 8, 2026, this product cannot be distributed in commerce to retailers for any use. After March 8, 2027, chemical substances/products can only be distributed in commerce or processed with a concentration of PCE equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant/intermediate; (2) Processing into formulation, mixture or reaction product; (3) Processing by repackaging; (4) Recycling; (5) Industrial and commercial use as solvent in open-top batch vapor degreasing; (6) Industrial and commercial use as solvent in closed-loop batch vapor degreasing; (7) Industrial and commercial use in maskant for chemical milling; (8) Industrial and commercial use as a processing aid in catalyst regeneration in petrochemical manufacturing; (9) Industrial and commercial use as a processing aid in sectors other than petrochemical manufacturing; (10) Industrial and commercial use as solvent for cold cleaning of tanker vessels; (11) Industrial and commercial use as energized electrical cleaner; (12) Industrial and commercial use in laboratory chemicals; (13) Industrial and commercial use in solvent-based adhesives and sealants; (14) Industrial and commercial use in dry cleaning in 3rd generation machines until December 20, 2027; (15) Industrial and commercial use in all dry cleaning and related spot cleaning until December 19, 2034; (16) Export; and (17) Disposal.

## 15.2. International regulations

No additional information available

## 15.3. US State regulations

### California Proposition 65



**WARNING:**

This product can expose you to tetrachloroethylene, which is known to the State of California to cause cancer, and lead, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

U.S. - California - Proposition 65 - Carcinogens List	
Tetrachloroethylene (Perchloroethylene)(127-18-4)	XLISTED
Carbon tetrachloride(56-23-5)	XLISTED
Lead(7439-92-1)	XLISTED

U.S. - California - Proposition 65 - Reproductive Toxicity - Female	
Lead(7439-92-1)	XLISTED

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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	
Lead(7439-92-1)	XLISTED
Cadmium(7440-43-9)	XLISTED

U.S. - California - Proposition 65 - Developmental Toxicity	
Lead(7439-92-1)	XLISTED
Cadmium(7440-43-9)	XLISTED

### State Regulations

Component	State Regulations
Ethene, 1,1,2,2-tetrachloro-(127-18-4)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Rhode Island - Hazardous Substance List

## 15.4 Other Regulatory Information

### Volatile organic compound (VOC) regulation

#### EPA

VOC content (40 CFR 51.100(s))	0 %
Consumer products (40 CFR 59, Subpt. C))	Not regulated.

#### State

Consumer products	This product is regulated as a Brake Cleaner. This product is not compliant to be sold for use in California and New Jersey. This product is compliant in all other states.
VOC Content (CA)	0 %
VOC Content (OTC)	0 %

## SECTION 16: Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

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Other information : CRC# 00491G/1002481.

Safety Data Sheet (SDS), USA, CRC

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