



# BRAKE PARTS CLEANER NON-FLAMMABLE

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 02/17/2017

Revision date: 02/17/2017

Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixtures  
Product name : BRAKE PARTS CLEANER NON-FLAMMABLE  
Product code : PM1733C

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

Recommended use : Brake Cleaner.

#### 1.3. Supplier

##### Manufacturer

The Penray Companies, Inc.  
440 Denniston Ct.  
Wheeling, IL 60090  
T (800) 373-6729  
[rotto@penray.com](mailto:rotto@penray.com)

##### Supplier

Manufactured for the Members of,  
Aftermarket Auto Parts Alliance, Inc.  
2706 Treble Creek, San Antonio, TX 782588001  
Keele St. Concord, ON L4K 1Y8, Canada  
Ph. 210.492.4868

#### 1.4. Emergency telephone number

Emergency number : (800) 373-6729  
CHEMTREC (800) 424-9300  
CHEMTREC International +1 (703) 527-3887 24 hr

### SECTION 2: Hazard identification

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

##### Classification (GHS-CA)

Press. Gas (Comp.) H280  
Skin Irrit. 2 H315  
Carc. 1B H350  
STOT SE 3 H336

Full text of hazard classes and H-statements : see section 16

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

##### GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) :

Danger

Hazard statements (GHS-CA) :

H280 - Contains gas under pressure; may explode if heated  
H315 - Causes skin irritation  
H350 - May cause cancer  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-CA) :

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours  
P264 - Wash hands thoroughly after handling  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
P308+P313 - IF exposed or concerned: Get medical advice/attention  
P302+P352 - IF ON SKIN: Wash with plenty of water  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P312 - Call a POISON CENTER or doctor if you feel unwell  
P405 - Store locked up  
P410+P403 - Protect from sunlight. Store in a well-ventilated place  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

# PM1733C

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-CA)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Tetrachloroethylene	(CAS No) 127-18-4	97.40

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
- First-aid measures after ingestion : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

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

- Symptoms/injuries after inhalation : May cause drowsiness or dizziness. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
- Symptoms/injuries after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
- Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

- Other medical advice or treatment : Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

- Suitable extinguishing media : Treat for surrounding material.

### 5.2. Unsuitable extinguishing media

- Unsuitable extinguishing media : Do not use water jet.

### 5.3. Specific hazards arising from the hazardous product

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Chlorine. Phosgene.

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

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

## SECTION 6: Accidental release measures

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

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Methods and materials for containment and cleaning up

- For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

### 6.3. Reference to other sections

- For further information refer to section 8: "Exposure controls/personal protection"

# PM1733C

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe gas, fumes, vapour or spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Pressurized container: Do not pierce or burn, even after use

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

Storage conditions : Keep out of the reach of children. Store in a dry, cool and well-ventilated place.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Tetrachloroethylene (127-18-4)		
USA - ACGIH	ACGIH TWA (ppm)	25 ppm
USA - ACGIH	ACGIH STEL (ppm)	100 ppm

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Environmental exposure controls : Maintain levels below Community environmental protection thresholds.

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

##### Hand protection:

Wear chemically resistant protective gloves.

##### Eye protection:

Safety glasses or goggles are recommended when using product.

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

##### Other information:

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Aerosol. Clear  
Colour : Colourless  
Odour : Chlorine  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Relative evaporation rate (ether=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : None  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : Non flammable  
Vapour pressure : No data available  
Vapour pressure at 50 °C : No data available  
Relative density : 1.6 - 1.65  
Solubility : No data available

# PM1733C

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal storage conditions. Contains gas under pressure; may explode if heated
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Heat.
Incompatible materials	: Acids. Bases. Strong oxidizing agents. Metals.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Chlorine. Phosgene.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

F450	
LD50 oral rat	> 2000 mg/kg (Calculated Acute Toxicity Estimate)
LD50 dermal rabbit	> 2000 mg/kg (Calculated Acute Toxicity Estimate)
LC50 inhalation rat	> 5 mg/l/4h (Calculated Acute Toxicity Estimate)

Tetrachloroethylene (127-18-4)	
LD50 oral rat	2629 mg/kg
LC50 inhalation rat	27.8 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified.
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

F450	
Vaporizer	Aerosol

Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.
Symptoms/injuries after inhalation	: May cause drowsiness or dizziness. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Symptoms/injuries after skin contact	: Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
-------------------	---

Tetrachloroethylene (127-18-4)	
LC50 fish 1	12.4 - 14.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	8.6 - 13.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	6.1 - 9.0 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
NOEC (acute)	32 - 100 mg/kg (Exposure time: 14 Days - Species: Eisenia foetida [soil wet weight])

# PM1733C

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### 12.2. Persistence and degradability

#### F450

Persistence and degradability	Not established.
-------------------------------	------------------

### 12.3. Bioaccumulative potential

#### F450

Bioaccumulative potential	Not established.
---------------------------	------------------

#### Tetrachloroethylene (127-18-4)

BCF fish 1	25.8 - 77.1
Partition coefficient n-octanol/water	2.53 - 2.88 (at 20 °C)

### 12.4. Mobility in soil

#### Tetrachloroethylene (127-18-4)

Partition coefficient n-octanol/water	2.53 - 2.88 (at 20 °C)
---------------------------------------	------------------------

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

## SECTION 14: Transport information

### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

UN-No. (TDG)	: UN1950
TDG Primary Hazard Classes	: 2.2
TDG Subsidiary Classes	: 6.1
Transport document description	: UN1950 AEROSOLS, 2.2 (6.1)
Proper Shipping Name (TDG)	: AEROSOLS (Tetrachloroethylene)
Hazard labels (TDG)	:



### 14.2. Transport information/DOT

No additional information available

### 14.3. Air and sea transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

### 15.2. International regulations

No additional information available

## SECTION 16: Other information

Date of issue	: 02/17/2017
Revision date	: 02/17/2017
Other information	: None.
Prepared by	: Nexreg Compliance Inc. <a href="http://www.Nexreg.com">www.Nexreg.com</a>



*Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.*