

Carb & Choke Cleaner

SECTION 1. IDENTIFICATION

Product Identifier	Carb & Choke Cleaner
Part number	PLI-016
Product Family	Solvent blend
Recommended Use	Automotive cleaner.
Restrictions on Use	Not applicable.
Supplier	Performa Lubricants International, Inc., 42 Montrose Crescent, Whitby, ON, L1R 1C5, 905.668.1440 1.800.808.3062
Emergency Phone No.	CANUTEC, +1.613.996.6666, Operation hours: 24/7

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosol - Category 1; Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3; Aspiration hazard - Category 1

GHS Label Elements



Danger

Extremely flammable aerosol.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing vapours, spray.
Wash hands and skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.
Wear eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

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Continue rinsing.
Call a POISON CENTRE/doctor if you feel unwell.
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Dispose of contents/container in accordance with local, regional, national and international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Heptane, branched, cyclic and linear	426260-76-6	30-60	
Toluene	108-88-3	10-30	
Acetone	67-64-1	10-30	
Carbon dioxide gas	124-38-9	3-7	
Vanillan	121-33-5		

Notes

Concentrations are expressed in % volume/volume.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. If not breathing, give artificial respiration, get medical attention immediately.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs get medical advice/attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

Ingestion

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Drink two glasses of water. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Small fire: carbon dioxide or dry chemical.

Unsuitable Extinguishing Media

Do not use a direct stream of water.

Specific Hazards Arising from the Chemical

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Extremely flammable aerosol. contents under pressure.
 sprayed product will project a flame on contact with an ignition source.
 do not use on vehicles unless cool.
 containers may explode if heated.
 vapours are heavier than air. May travel a considerable distance to a source of ignition and flash back to a leak or open container.
 Carbon oxides, and other unidentified organic compounds.

Special Protective Equipment and Precautions for Fire-fighters

Use extreme caution, fight fire from a safe distance or a protected location.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Eliminate all ignition sources. Use grounded, explosion-proof equipment. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Absorb residues and small spills with a non-flammable absorbent material and collect adsorbate for disposal.

Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Contaminated absorbent poses the same hazard as the spilled product. Store recovered product in suitable containers that are: tightly-covered.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Only use where there is adequate ventilation. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Do not use on hot vehicles.
 Containers of this material may contain hazardous residues when "emptied". Do not weld, cut or perform hot work on empty container until all traces of product have been removed.

Conditions for Safe Storage

Store at temperatures not exceeding: 40°C. Store in an area that is: well-ventilated, cool, dry. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Heptane, branched, cyclic and linear	400 ppm	500 ppm	2000 mg/m3	Not established
Toluene	20 ppm A4	Not established	Not established	Not established
Acetone	500 ppm A4	750 ppm A4	1000 ppm	Not established
Carbon dioxide gas	5000 ppm	Not established	Not established	Not established

Appropriate Engineering Controls

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted. Provide safety shower in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

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Safety glasses with side shields. Contact lenses should not be worn, they may contribute to the severity of the injury.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.
Suitable materials are: butyl rubber.

Respiratory Protection

Not normally required if product is used as directed. If the TLV is exceeded, a NIOSH -approved respirator is advised.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear colourless Aerosol.
Odour	vanilla
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting)
Initial Boiling Point/Range	Not available
Flash Point	4 °C (closed cup)
Evaporation Rate	Not available
Flammability (solid, gas)	Flammable aerosol
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	> 1
Relative Density (water = 1)	0.76 at 15 °C
Solubility	Negligible in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	< 14 centistokes at 40°C (kinematic)
Other Information	
VOC %	71
Flame projection	> 100 cm
NFPA classification	Aerosol, Level 3

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Hazardous polymerization will not occur.

Chemical Stability

Stable at ambient temperatures and pressures.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Increased risk of fire and explosion on contact with: strong oxidizing agents (e.g. perchloric acid).

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Hazardous Decomposition Products

Carbon oxides. And other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation.
Skin contact.
Eye contact.
Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Heptane, branched, cyclic and linear	~ 25000 ppm (rat) (4-hour exposure)	> 15000 mg/kg (rat)	Not available
Toluene	7585 ppm (rat) (4-hour exposure)	5580 mg/kg (male rat)	12125 mg/kg (rabbit)
Acetone	30000 ppm (male rat) (4-hour exposure)	5800 mg/kg (female rat)	> 15800 mg/kg (rabbit)

Skin Corrosion/Irritation

Moderate to severe irritant.

Serious Eye Damage/Irritation

Moderate to severe irritant.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

High concentrations may cause respiratory irritation and central nervous system depression with results ranging from dizziness and headache to unconsciousness.

Skin Absorption

No information was located.

Ingestion

Ingestion of small amounts during normal handling is not likely to cause injury. If large amounts are swallowed can cause effects as described for inhalation. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Aspiration Hazard

May cause lung damage if aspirated based on physical properties (e.g. kinematic viscosity) and chemical family (hydrocarbon).

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization.

No information was located for skin sensitization.

Carcinogenicity

Chemical Name	ACGIH®	IARC	NTP	OSHA
Heptane, branched, cyclic and linear	Not Listed	Not evaluated	Not Listed	Not Listed
Toluene	A4	Group 3	Not Listed	Not Listed

Not known to cause cancer.

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Reproductive Toxicity

Development of Offspring

Toluene is fetotoxic based on animal studies.

No information was located for: Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

This section is not required by OSHA.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contents under pressure. The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container. Dispose of in accordance with municipal, provincial/state or federal regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	UN1950	Aerosols	2.1	---
IATA (Air)	UN1950	Aerosols, flammable	2.1	---
IMDG (Marine)	UN1950	Aerosols	2.1	---

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Emergency Response Guide No. 126 EmS F-D, S-U

Other Information ICAO/IATA PI Y203/203
Product may ship as LTD QTY if TDG, ICAO/IATA or IMDG Limited Quantity provisions are met.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

CEPA - National Pollutant Release Inventory (NPRI)

(Toluene) Part 1A.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

CERCLA. (Acetone)

SARA Title III - Section 302: Not applicable.

SARA Title III - Section 313: Not applicable.

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California Proposition 65. (Toluene)
Massachusetts Right To Know: Not applicable.
New Jersey Right To Know. (Toluene). (Acetone). (Carbon dioxide gas)
Pennsylvania Right To Know. (Toluene). (Acetone). (Carbon dioxide gas)

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 2 Flammability - 3 Instability - 0 Based on Heptane, branched, cyclic and linear
SDS Prepared By	Regulatory Compliance
Phone No.	905.847.0222
Date of Preparation	May 13, 2015
Key to Abbreviations	ACGIH® = American Conference of Governmental Industrial Hygienists CANUTEC = Canadian Transportation Emergency Centre CAS = Chemical Abstract Services CCOHS = Canadian Centre for Occupational Health & Safety CNS = Central nervous system GESTIS Substance Database HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer ICAO = International Civil Aviation Organization IMDG = International Maritime Dangerous Goods Code LC = Lethal concentration LD = Lethal dose NFPA = National Fire Prevention Association NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration PPM = Parts per million RTECS® = Registry of Toxic Effects of Chemical Substances STEL = Short term exposure limit TDG = Transportation of Dangerous Goods Regulations (Canada) TWA = Time weighted average
References	Material Safety Data Sheet from manufacturer. CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Accelrys, Inc. Available from Canadian Centre for Occupational Health and Safety (CCOHS). ECHA - European Chemical Agency, Classification and Labelling Inventory GESTIS Substance Database OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.
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